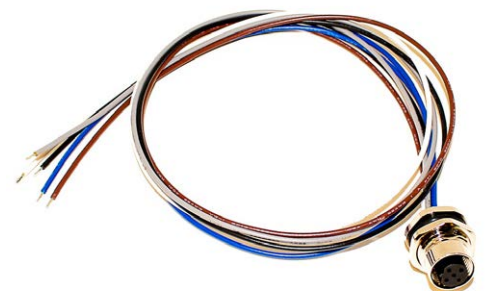




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INSTRUMENTATION

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Cable Configuration

- For purchasing instrumentation cables with one connector to free leads, follow this format to order:

_____	-	_____
Connector		Cable
Part #		Length
		(mm)

- For purchasing instrumentation cables with two connectors, follow this format to order:

_____	-	_____	-	_____
Male		Female		Cable
Connector		Connector		Length
Part #		Part #		(mm)

Ex: 12L053 - 12L054 - 1000

(1 meter cable with 8-pin, A code male connector and 8-pin, A code female connector)

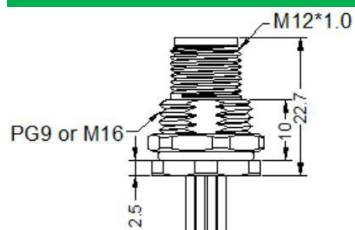
- If the two connectors are the same gender, follow the above format without regard to connector gender.

Ex: 12L053 - 12L053 - 3000

(3 meter cable with 8-pin, A code male connector and 8-pin, A code male connector)

M12 A code male straight front panel mount connector with wire

Illustration

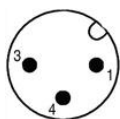


Product photo

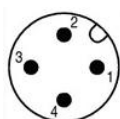


Pin assignment front view

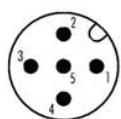
A code 3pins



A code 4pins



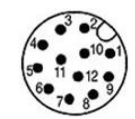
A code 5pins



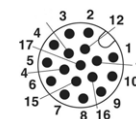
A code 8pins



A code 12pins



A code 17pins



Part number

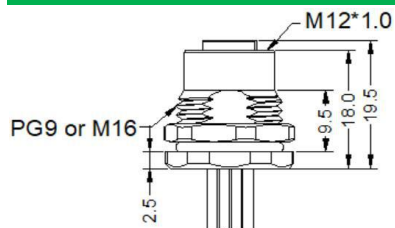
Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
3pins	A code	12D001-X	12D021-X
4pins	A code	12D005-X	12D025-X
5pins	A code	12D009-X	12D029-X
8pins	A code	12D013-X	12D033-X
12pins	A code	12D017-X	12D037-X
17pins	A code	12D266-X	12D267-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder					
Connector locking system	Screw					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Ambient temperature (operation)	-40°C~+85°C					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Brass with gold plated					
Screw	Brass with nickel plated					
O-ring material	Fluorine ring					
Environmental compliance	RoHs, Reach					

M12 A code female straight front panel mount connector with wire

Illustration

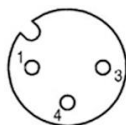


Product photo

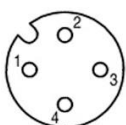


Pin assignment front view

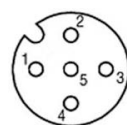
A code 3pins



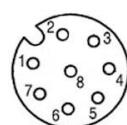
A code 4pins



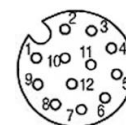
A code 5pins



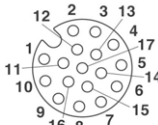
A code 8pins



A code 12pins



A code 17pins



Part number

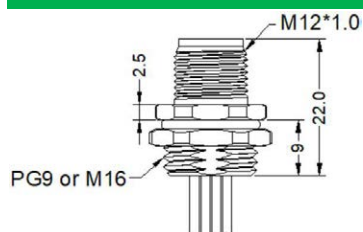
Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
3pins	A code	12D003-X	12D023-X
4pins	A code	12D007-X	12D027-X
5pins	A code	12D011-X	12D031-X
8pins	A code	12D015-X	12D035-X
12pins	A code	12D019-X	12D039-X
17pins	A code	12D268-X	12D270-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	7pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder					
Connector locking system	Screw					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Ambient temperature (operation)	-40°C~+85°C					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Phosphorus copper with gold plated					
Screw	Brass with nickel plated					
O-ring material	Fluorine ring					
Environmental compliance	RoHs, Reach					

M12 A code male straight rear panel mount connector with wire

Illustration

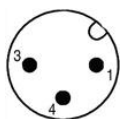


Product photo

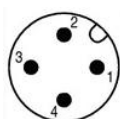


Pin assignment front view

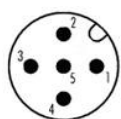
A code 3pins



A code 4pins



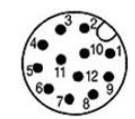
A code 5pins



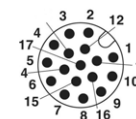
A code 8pins



A code 12pins



A code 17pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
3pins	A code	12D002-X	12D022-X
4pins	A code	12D006-X	12D026-X
5pins	A code	12D010-X	12D030-X
8pins	A code	12D014-X	12D034-X
12pins	A code	12D018-X	12D038-X
17pins	A code	12D272-X	12D273-X

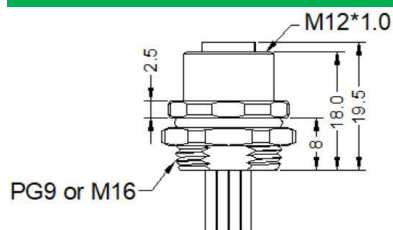
General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder					
Connector locking system	Screw					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Ambient temperature (operation)	-40°C~+85°C					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Brass with gold plated					
Screw	Brass with nickel plated					
O-ring material	Fluorine ring					
Environmental compliance	RoHs, Reach					

M12 A code female straight rear panel mount connector with wire

Illustration

Product photo



Pin assignment front view

A code 3pins

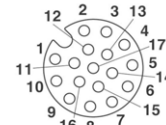
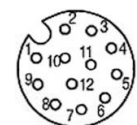
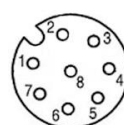
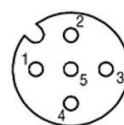
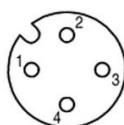
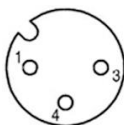
A code 4pins

A code 5pins

A code 8pins

A code 12pins

A code 17pins



Part number

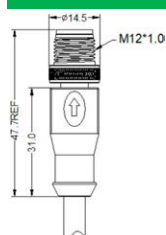
Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
3pins	A code	12D004-X	12D024-X
4pins	A code	12D008-X	12D028-X
5pins	A code	12D012-X	12D032-X
8pins	A code	12D016-X	12D036-X
12pins	A code	12D020-X	12D040-X
17pins	A code	12D269-X	12D271-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder					
Connector locking system	Screw					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Ambient temperature (operation)	-40°C~+85°C					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Phosphorus copper with gold plated					
Screw	Brass with nickel plated					
O-ring material	Fluorine ring					
Environmental compliance	RoHs, Reach					

M12 A code male straight molded cable, unshielded

Illustration

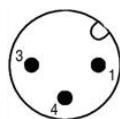


Product photo

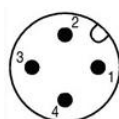


Pin assignment front view

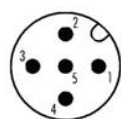
A code 3pins



A code 4pins



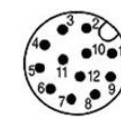
A code 5pins



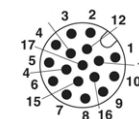
A code 8pins



A code 12pins



A code 17pins



Part number

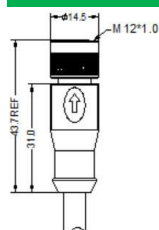
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L041-X	12L121-X
4pins	A code	12L045-X	12L125-X
5pins	A code	12L049-X	12L129-X
8pins	A code	12L053-X	12L133-X
12pins	A code	12L057-X	12L137-X
17pins	A code	12L747-X	12L676-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Brass with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

M12 A code female straight molded cable, unshielded

Illustration

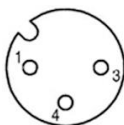


Product photo

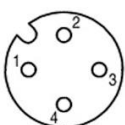


Pin assignment front view

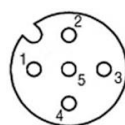
A code 3pins



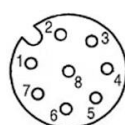
A code 4pins



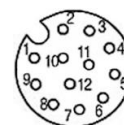
A code 5pins



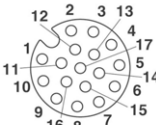
A code 8pins



A code 12pins



A code 17pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L042-X	12L122-X
4pins	A code	12L046-X	12L126-X
5pins	A code	12L050-X	12L130-X
8pins	A code	12L054-X	12L134-X
12pins	A code	12L058-X	12L138-X
17pins	A code	12L749-X	12L677-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Phosphorus copper with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

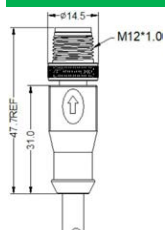


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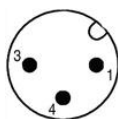
M12 A code male straight molded cable, shielded

Illustration Product photo

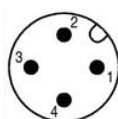


Pin assignment front view

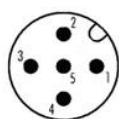
A code 3pins



A code 4pins



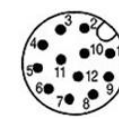
A code 5pins



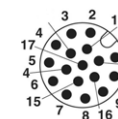
A code 8pins



A code 12pins



A code 17pins



Part number

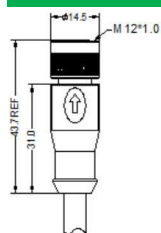
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L061-X	12L141-X
4pins	A code	12L065-X	12L145-X
5pins	A code	12L069-X	12L149-X
8pins	A code	12L073-X	12L153-X
12pins	A code	12L077-X	12L157-X
17pins	A code	12L813-X	12L815-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Brass with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

M12 A code female straight molded cable, shielded

Illustration

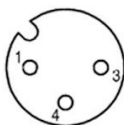


Product photo

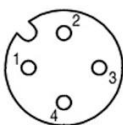


Pin assignment front view

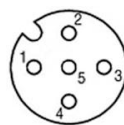
A code 3pins



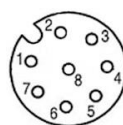
A code 4pins



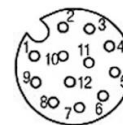
A code 5pins



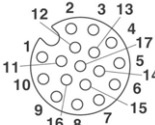
A code 8pins



A code 12pins



A code 17pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L062-X	12L142-X
4pins	A code	12L066-X	12L146-X
5pins	A code	12L070-X	12L150-X
8pins	A code	12L074-X	12L154-X
12pins	A code	12L078-X	12L158-X
17pins	A code	12L817-X	12L819-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Phosphorus copper with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

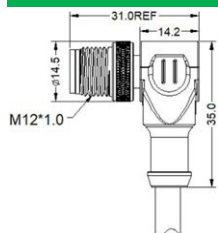


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M12 A code male right angle molded cable, unshielded

Illustration

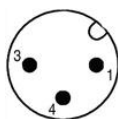


Product photo

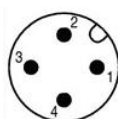


Pin assignment front view

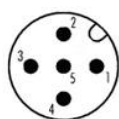
A code 3pins



A code 4pins



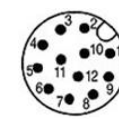
A code 5pins



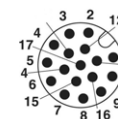
A code 8pins



A code 12pins



A code 17pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L043-X	12L123-X
4pins	A code	12L047-X	12L127-X
5pins	A code	12L051-X	12L131-X
8pins	A code	12L055-X	12L135-X
12pins	A code	12L059-X	12L139-X
17pins	A code	12L820-X	12L822-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Brass with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

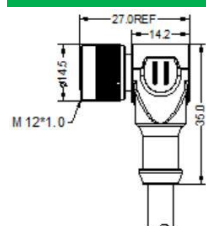


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M12 A code female right angle molded cable, unshielded

Illustration

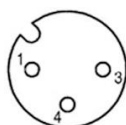


Product photo

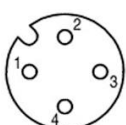


Pin assignment front view

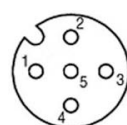
A code 3pins



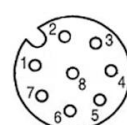
A code 4pins



A code 5pins



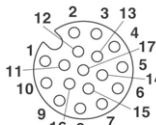
A code 8pins



A code 12pins



A code 17pins



Part number

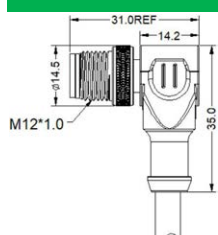
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L044-X	12L124-X
4pins	A code	12L048-X	12L128-X
5pins	A code	12L052-X	12L132-X
8pins	A code	12L056-X	12L136-X
12pins	A code	12L060-X	12L140-X
17pins	A code	12L517-X	12L824-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Phosphorus copper with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

M12 A code male right angle molded cable, shielded

Illustration

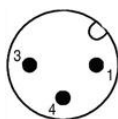


Product photo

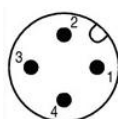


Pin assignment front view

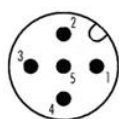
A code 3pins



A code 4pins



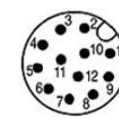
A code 5pins



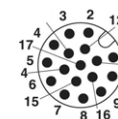
A code 8pins



A code 12pins



A code 17pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L063-X	12L143-X
4pins	A code	12L067-X	12L147-X
5pins	A code	12L071-X	12L151-X
8pins	A code	12L075-X	12L155-X
12pins	A code	12L079-X	12L159-X
17pins	A code	12L826-X	12L834-X

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins female material	Brass with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

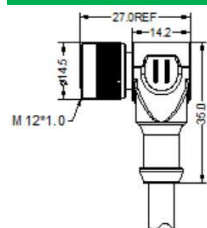


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M12 A code female right angle molded cable, shielded

Illustration

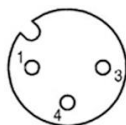


Product photo

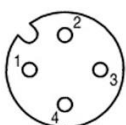


Pin assignment front view

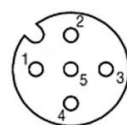
A code 3pins



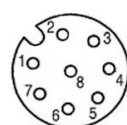
A code 4pins



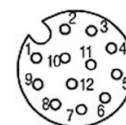
A code 5pins



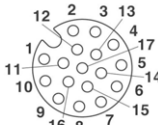
A code 8pins



A code 12pins



A code 17pins



Part number

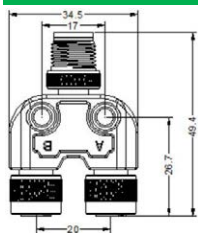
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	12L064	12L144
4pins	A code	12L068	12L148
5pins	A code	12L072	12L152
8pins	A code	12L076	12L156
12pins	A code	12L080	12L160
17pins	A code	12L830	12L832

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins	17pins
Rated voltage	250V		60V	30V		
Rated current(40°C)	4A			2A	1.5A	1.5A
Standards/regulations	IEC 61076-2-101					
Termination	solder and over-mold					
Degree of protection	IP67, IP68, IP69K					
Wire gauge(mm²)	0.14mm²-0.75mm²					
Wire gauge(AWG)	26AWG-18AWG					
Mechanical operation	>100 mating cycles					
Contact resistance	≤5mΩ					
Insulation resistance	≥100MΩ					
Connector body material	TPU					
Pins material	Phosphorus copper with gold plated					
Screw	Brass with nickel plated					
Environmental compliance	RoHs, Reach					

M12 A code one male to two female Y splitter connector

Illustration



Product photo



Pin assignment front view

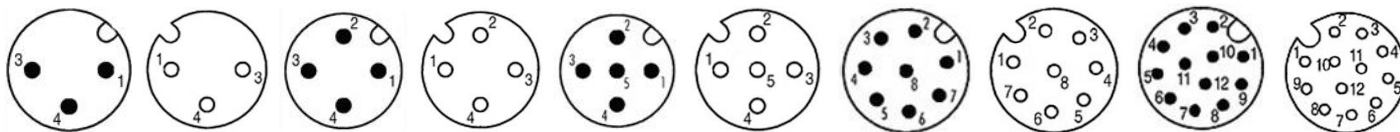
A code 3pins

A code 4pins

A code 5pins

A code 8pins

A code 12pins

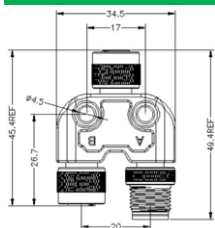


Part number

Pins	Code	Part number
3pins	A code	12Y001
4pins	A code	12Y002
5pins	A code	12Y003
8pins	A code	12Y004
12pins	A code	12Y005

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins
Rated voltage	250V	250V	60V	30V	30V
Rated current(40°C)	4A	4A	4A	2A	1.5A
Standards/regulations	IEC 61076-2-101				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins male material	Brass with gold plated				
Pins female material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M12 A code one female to one male + one female Y splitter connector
Illustration
Product photo

Pin assignment front view

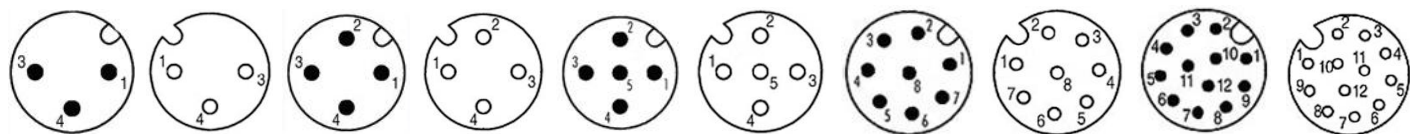
A code 3pins

A code 4pins

A code 5pins

A code 8pins

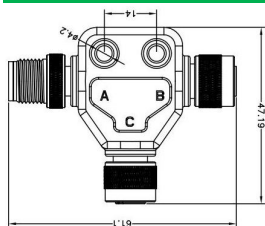
A code 12pins


Part number

Pins	Code	Part number("X" is length millimeter mm)
3pins	A code	12Y016
4pins	A code	12Y017
5pins	A code	12Y009
8pins	A code	12Y018
12pins	A code	12Y019

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins
Rated voltage	250V	250V	60V	30V	30V
Rated current(40°C)	4A	4A	4A	2A	1.5A
Standards/regulations	IEC 61076-2-101				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins male material	Brass with gold plated				
Pins female material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M12 A code one female to one male + one female T splitter connector
Illustration

Product photo

Pin assignment front view

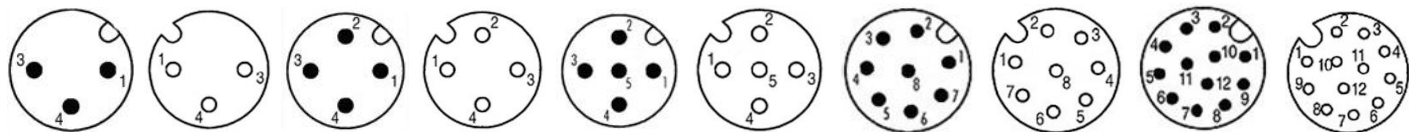
A code 3pins

A code 4pins

A code 5pins

A code 8pins

A code 12pins


Part number

Pins	Code	Part number
3pins	A code	12T001
4pins	A code	12T002
5pins	A code	12T003
8pins	A code	12T004
12pins	A code	12T005

General Data

Pins Numbers	3pins	4pins	5pins	8pins	12pins
Rated voltage	250V	250V	60V	30V	30V
Rated current(40°C)	4A	4A	4A	2A	1.5A
Standards/regulations	IEC 61076-2-101				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins male material	Brass with gold plated				
Pins female material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				



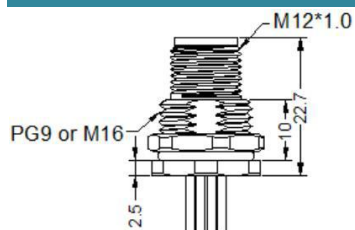
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M12 B code male straight front panel mount connector with wire

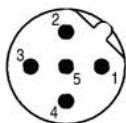
Illustration

Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
5pins	B code	12D041-X	12D045-X

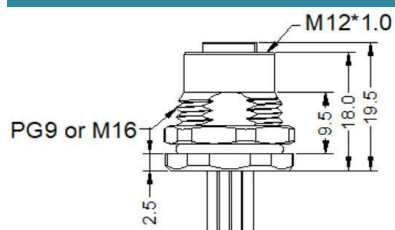
General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
O-ring materia	Fluorine ring
Environmental compliance	RoHs, Reach

M12 B code female straight front panel mount connector with wire

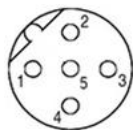
Illustration

Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
5pins	B code	12D043-X	12D047-X

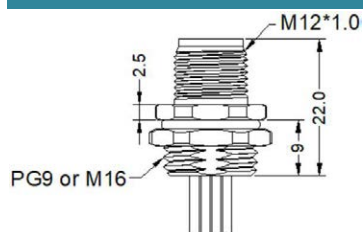
General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²-0.75mm²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

M12 B code male straight rear panel mount connector with wire

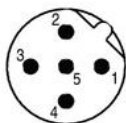
Illustration

Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
5pins	B code	12D042-X	12D046-X

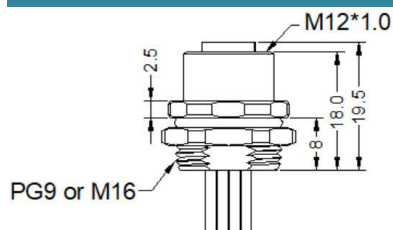
General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²-0.75mm²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

M12 B code female straight rear panel mount connector with wire

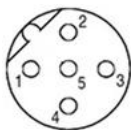
Illustration

Product photo



Pin assignment front view

B code 5pins



Part number

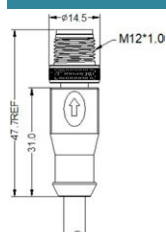
Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
5pins	B code	12D044-X	12D048-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

M12 B code male straight molded cable, unshielded

Illustration

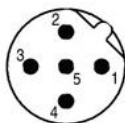


Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L169-X	12L185-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

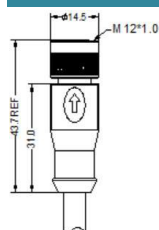


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M12 B code female straight molded cable, unshielded

Illustration

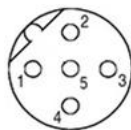


Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L170-X	12L186-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

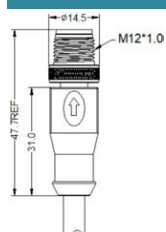


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M12 B code male straight molded cable, shielded

Illustration

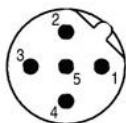


Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L173-X	12L189-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

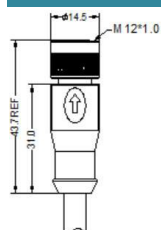


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M12 B code female straight molded cable, shielded

Illustration

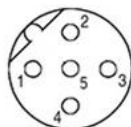


Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L174-X	12L190-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

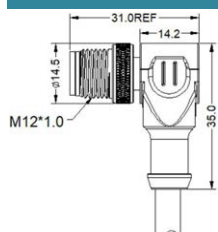


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M12 B code male right angle molded cable, unshielded

Illustration



Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L171-X	12L187-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

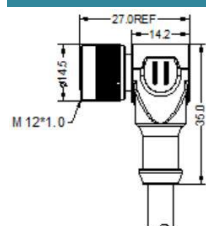


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M12 B code female right angle molded cable, unshielded

Illustration

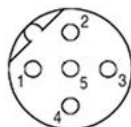


Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L172-X	12L188-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

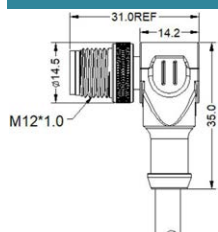


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M12 B code male right angle molded cable, shielded

Illustration



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Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L175-X	12L191

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach



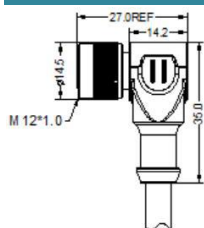
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M12 B code female right angle molded cable, shielded

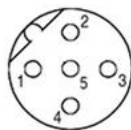
Illustration

Product photo



Pin assignment front view

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
5pins	B code	12L176-X	12L192-X

General Data

Pins Numbers	5pins
Rated voltage	60V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mol
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach



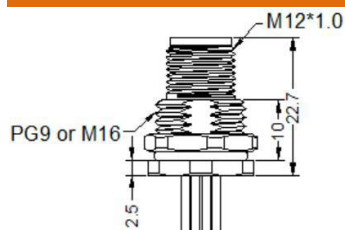
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M12 D code male straight front panel mount connector with wire

Illustration

Product photo



Pin assignment front vie

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
4pins	D code	12D049-X	12D053-X

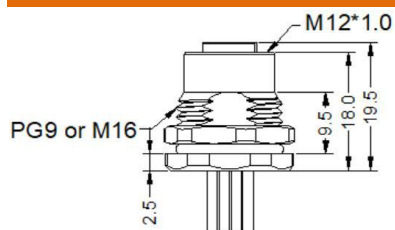
General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²-0.75mm²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

M12 D code female straight front panel mount connector with wire

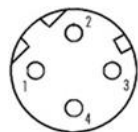
Illustration

Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
4pins	D code	12D051-X	12D055-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²-0.75mm²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

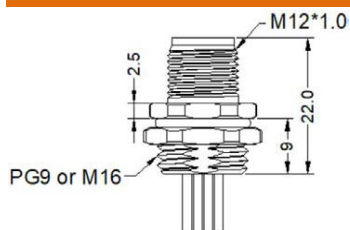


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M12 D code male straight rear panel mount connector with wire

Illustration



Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
4pins	D code	12D050-X	12D054-X

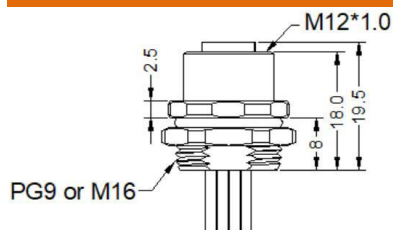
General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²-0.75mm²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

M12 D code female straight rear panel mount connector with wire

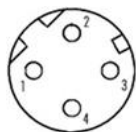
Illustration

Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PG9 thread 15.3±0.1	M16 thread 16±0.1
4pins	D code	12D052-X	12D056-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²-0.75mm²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Ambient temperature (operation)	-40°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
O-ring material	Fluorine ring
Environmental compliance	RoHs, Reach

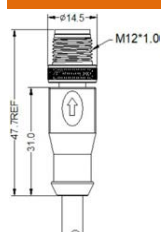


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M12 D code male straight molded cable, unshielded

Illustration



Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L201-X	12L217-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

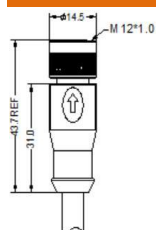


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M12 D code female straight molded cable, unshielded

Illustration

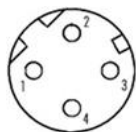


Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L202-X	12L218-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

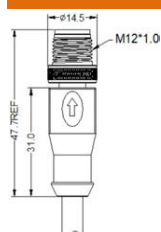


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M12 D code male straight molded cable, shielded

Illustration



Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L205-X	12L221-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

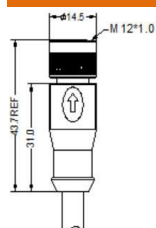


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M12 D code female straight molded cable, shielded

Illustration

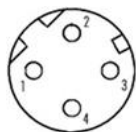


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Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L206-X	12L222-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

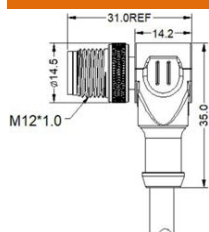


2850 GILCHRIST RD. BLDG 5A AKRON, OH 44305

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M12 D code male right angle molded cable, unshielded

Illustration



Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L203-X	12L219-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

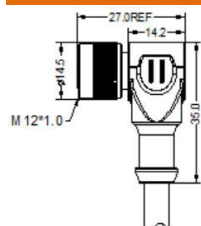


2850 GILCHRIST RD. BLDG 5A AKRON, OH 44305

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M12 D code female right angle molded cable, unshielded

Illustration

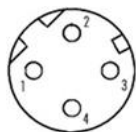


Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L204-X	12L220-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental complianc	RoHs, Reach

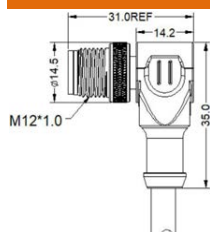


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M12 D code male right angle molded cable, shielded

Illustration



Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L207-X	12L223-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

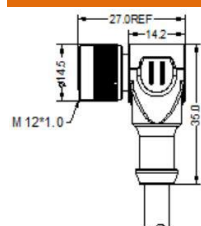


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M12 D code female right angle molded cable, shielded

Illustration

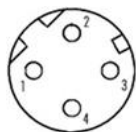


Product photo



Pin assignment front view

D code 4pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	D code	12L208-X	12L224-X

General Data

Pins Numbers	4pins
Rated voltage	250V
Rated current(40°C)	4A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ² -0.75mm ²
Wire gauge(AWG)	26AWG-18AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

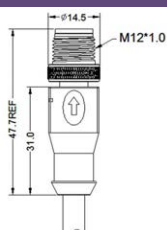


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M12 X code male straight molded cable, shielded

Illustration

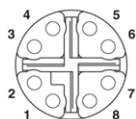


Product photo



Pin assignment front view

X code 8pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	X code	12L339-X	12L411-X

General Data

Pins Numbers	4pins
Rated voltage	60V
Rated current(40°C)	0.5A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ²
Wire gauge(AWG)	26AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

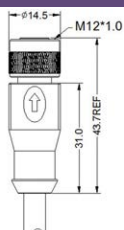


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M12 X code female straight molded cable, shielded

Illustration

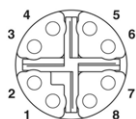


Product photo



Pin assignment front view

X code 8pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
8pins	X code	12L340-X	12L344-X

General Data

Pins Numbers	4pins
Rated voltage	60V
Rated current(40°C)	0.5A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²
Wire gauge(AWG)	26AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

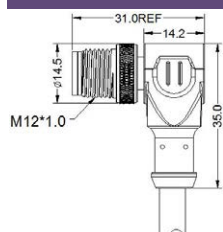


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M12 X code male right angle molded cable, shielded

Illustration

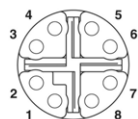


Product photo



Pin assignment front view

X code 8pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
4pins	X code	12L347-X	12L351-X

General Data

Pins Numbers	4pins
Rated voltage	60V
Rated current(40°C)	0.5A
Standards/regulations	IEC 61076-2-101
Termination	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²
Wire gauge(AWG)	26AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Brass with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

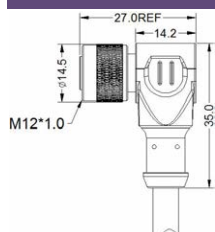


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M12 X code female right angle molded cable, shielded

Illustration

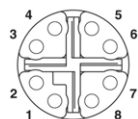


Product photo



Pin assignment front view

X code 8pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
8pins	X code	12L348-X	12L352-X

General Data

Pins Numbers	4pins
Rated voltage	60V
Rated current(40°C)	0.5A
Standards/regulations	IEC 61076-2-101
Termination/	solder and over-mold
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm²)	0.14mm²
Wire gauge(AWG)	26AWG
Mechanical operation	>100 mating cycles
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pins material	Phosphorus copper with gold plated
Screw	Brass with nickel plated
Environmental compliance	RoHs, Reach

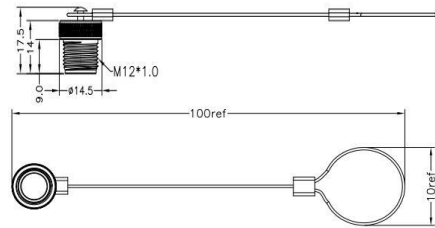


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M12 male metal waterproof cap with stainless steel chain

Illustration



Product photo



Part number

12CAP005-100

General Data

Standards/regulations	IEC 61076-2-101
Degree of protection	IP67, IP68, IP69K
Screw	Brass with nickel plated
Chain	Stainless steel
Environmental compliance	RoHs, Reach

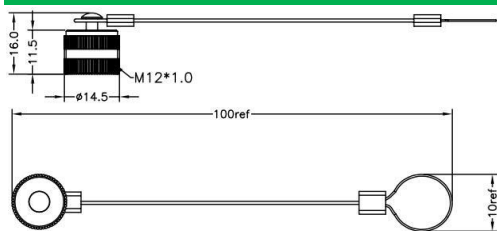


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M12 female metal waterproof cap with stainless steel chain

Illustration Product photo



Part number

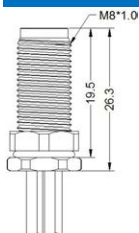
12CAP006-100

General Data

Standards/regulations	IEC 61076-2-101
Degree of protection	IP67, IP68, IP69K
O-ring material	Fluorine ring
Screw	Brass with nickel plated
Chain	Stainless steel
Environmental compliance	RoHs, Reach

M8 male front panel mount connector with wire

Illustration

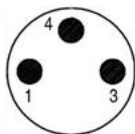


Product photo

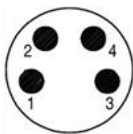


Pin assignment front view

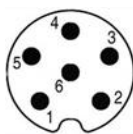
A code 3pins



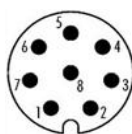
A code 4pins



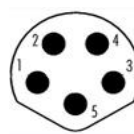
A code 6pins



A code 8pins



B code 5pins



Part number

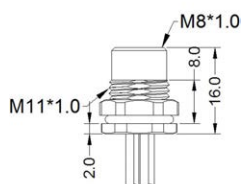
Pins	Code	Part number("X" is length millimeter mm)
3pins	A code	8D001-X
4pins	A code	8D005-X
6pins	A code	8D013-X
8pins	A code	8D017-X
5pins	B code	8D009-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder				
Connector locking system	Screw				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Ambient temperature (operation)	-40°C~+85°C				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Brass with gold plated				
Screw	Brass with nickel plated				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 female front panel mount connector with wire

Illustration

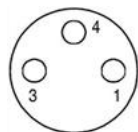


Product photo

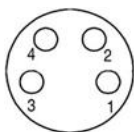


Pin assignment front view

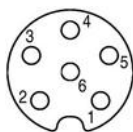
A code 3pins



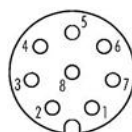
A code 4pins



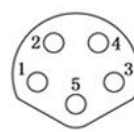
A code 6pins



A code 8pins



B code 5pins



Part number

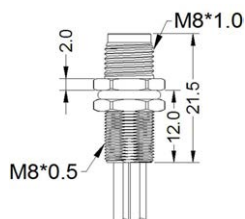
Pins	Code	Part number("X" is length millimeter mm)
3pins	A code	8D003-X
4pins	A code	8D007-X
6pins	A code	8D015-X
8pins	A code	8D019-X
5pins	B code	8D011-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder				
Connector locking system	Screw				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Ambient temperature (operation)	-40°C~+85°C				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 male rear panel mount connector with wire

Illustration

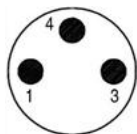


Product photo

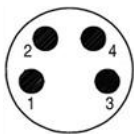


Pin assignment front view

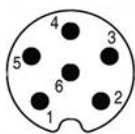
A code 3pins



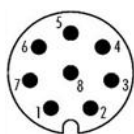
A code 4pins



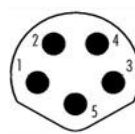
A code 6pins



A code 8pins



B code 5pins



Part number

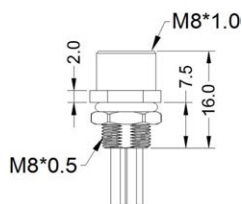
Pins	Code	Part number("X" is length millimeter mm)
3pins	A code	8D002-X
4pins	A code	8D006-X
6pins	A code	8D014-X
8pins	A code	8D018-X
5pins	B code	8D010-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder				
Connector locking system	Screw				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Ambient temperature (operation)	-40°C~+85°C				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Brass with gold plated				
Screw	Brass with nickel plated				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 female rear panel mount connector with wire

Illustration

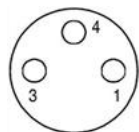


Product photo

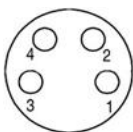


Pin assignment front view

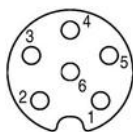
A code 3pins



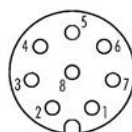
A code 4pins



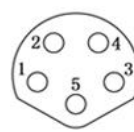
A code 6pins



A code 8pins



B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)
3pins	A code	8D004-X
4pins	A code	8D008-X
6pins	A code	8D016-X
8pins	A code	8D020-X
5pins	B code	8D012-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder				
Connector locking system	Screw				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Ambient temperature (operation)	-40°C~+85°C				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

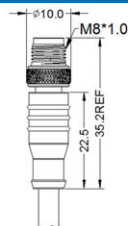


2850 GILCHRIST RD. BLDG 5A AKRON, OH 44305

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M8 male straight molded cable, unshielded

Illustration

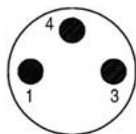


Product photo

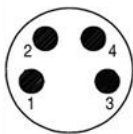


Pin assignment front view

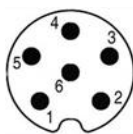
A code 3pins



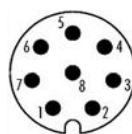
A code 4pins



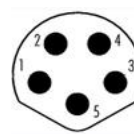
A code 6pins



A code 8pins



B code 5pins



Part number

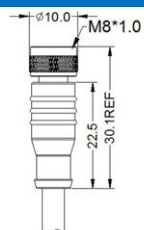
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L041-X	8L082-X
4pins	A code	8L045-X	8L086-X
6pins	A code	8L053-X	8L094-X
8pins	A code	8L057-X	8L098-X
5pins	B code	8L049-X	8L090-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Brass with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 female straight molded cable, unshielded

Illustration

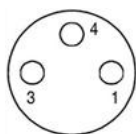


Product photo

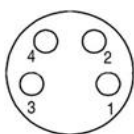


Pin assignment front view

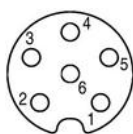
A code 3pins



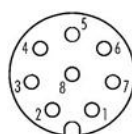
A code 4pins



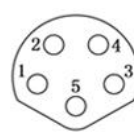
A code 6pins



A code 8pins



B code 5pins



Part number

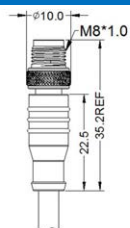
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L042-X	8L083-X
4pins	A code	8L046-X	8L087-X
6pins	A code	8L054-X	8L095-X
8pins	A code	8L058-X	8L099-X
5pins	A code	8L050-X	8L091-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 male straight molded cable, shielded

Illustration

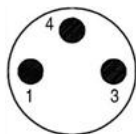


Product photo

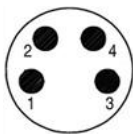


Pin assignment front view

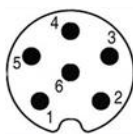
A code 3pins



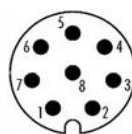
A code 4pins



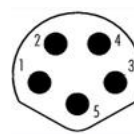
A code 6pins



A code 8pins



B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L061-X	8L102-X
4pins	A code	8L065-X	8L106-X
6pins	A code	8L073-X	8L114-X
8pins	A code	8L077-X	8L118-X
5pins	B code	8L069-X	8L110-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.25mm²				
Wire gauge(AWG)	24AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Brass with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

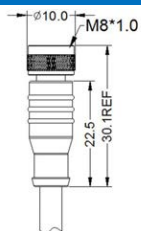


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M8 female straight molded cable, shielded

Illustration

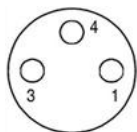


Product photo

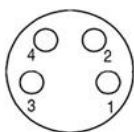


Pin assignment front view

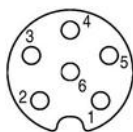
A code 3pins



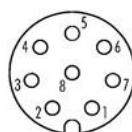
A code 4pins



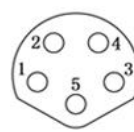
A code 6pins



A code 8pins



B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L062-X	8L103-X
4pins	A code	8L066-X	8L107-X
6pins	A code	8L074-X	8L115-X
8pins	A code	8L078-X	8L119-X
5pins	B code	8L070-X	8L111-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

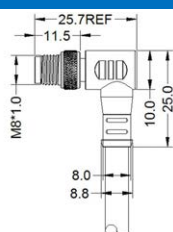


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M8 male right angle molded cable, unshielded

Illustration

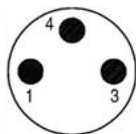


Product photo

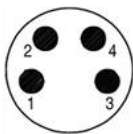


Pin assignment front view

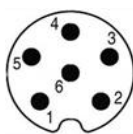
A code 3pins



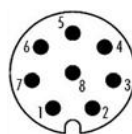
A code 4pins



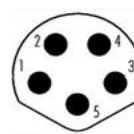
A code 6pins



A code 8pins



B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L043-X	8L084-X
4pins	A code	8L047-X	8L088-X
6pins	A code	8L055-X	8L096-X
8pins	A code	8L059-X	8L100-X
5pins	B code	8L051-X	8L092-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Brass with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

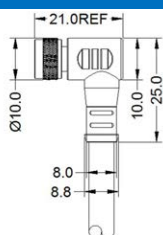


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M8 female right angle molded cable, unshielded

Illustration



Product photo



Pin assignment front view

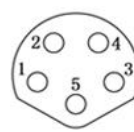
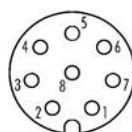
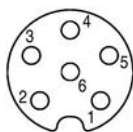
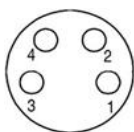
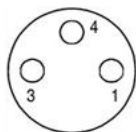
A code 3pins

A code 4pins

A code 6pins

A code 8pins

B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L044-X	8L085-X
4pins	A code	8L048-X	8L089-X
6pins	A code	8L056-X	8L097-X
8pins	A code	8L060-X	8L101-X
5pins	A code	8L052-X	8L093-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

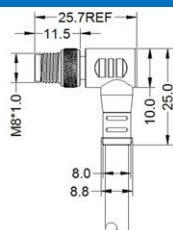


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M8 male right angle molded cable, shielded

Illustration

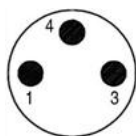


Product photo

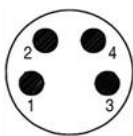


Pin assignment front view

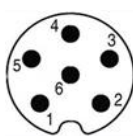
A code 3pins



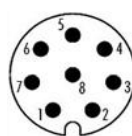
A code 4pins



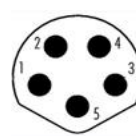
A code 6pins



A code 8pins



B code 5pins



Part number

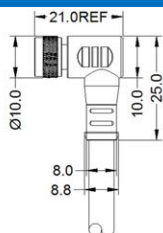
Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L063-X	8L104-X
4pins	A code	8L067-X	8L108-X
6pins	A code	8L075-X	8L116-X
8pins	A code	8L079-X	8L120-X
5pins	B code	8L071-X	8L112-X

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Brass with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 female right angle molded cable, shielded

Illustration

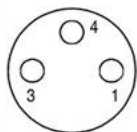


Product photo

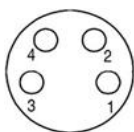


Pin assignment front view

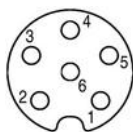
A code 3pins



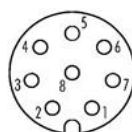
A code 4pins



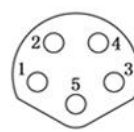
A code 6pins



A code 8pins



B code 5pins



Part number

Pins	Code	Part number("X" is length millimeter mm)	
		PVC	PUR
		-40°C~+105°C	-40°C~+105°C
3pins	A code	8L064-X	8L105-X
4pins	A code	8L068-X	8L109-X
6pins	A code	8L076-X	8L117-X
8pins	A code	8L080-X	8L121-X
5pins	B code	8L072-X	8L113-X

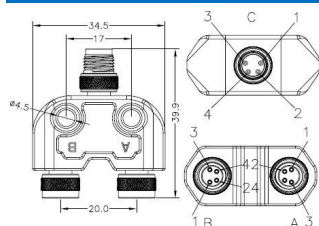
General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge(mm²)	0.14mm²-0.34mm²				
Wire gauge(AWG)	26AWG-22AWG				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring materia	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 1 male to 2 female y splitter connector

Illustration

Product photo



Pin assignment front view

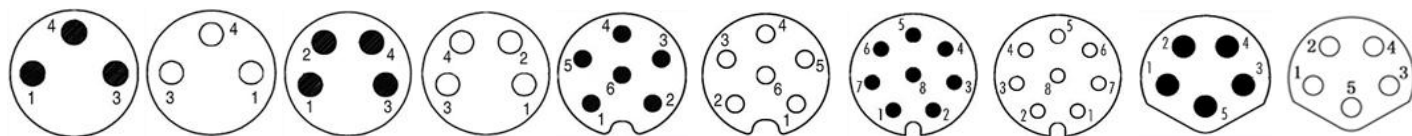
A code 3pins

A code 4pins

A code 6pins

A code 8pins

B code 5pins



Part number

Pins	Code	Part number
3pins	A code	8Y001
4pins	A code	8Y002
6pins	A code	8Y004
8pins	A code	8Y005
5pins	B code	8Y003

General Data

Pins Numbers	3pins	4pins	5pins	6pins	8pins
	3pins	4pins	5pins	6pins	8pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	solder and over-mold				
Degree of protection	IP67, IP68, IP69K				
Mechanical operation	>100 mating cycles				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pins male material	Brass with gold plated				
Pins female material	Phosphorus copper with gold plated				
Screw	Brass with nickel plated				
Over-mold material	TPU				
O-ring material	Fluorine ring				
Environmental compliance	RoHs, Reach				

M8 male metal waterproof cap with stainless steel chain

Illustration	Product photo
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Part number

8CAP003-100

General Data	
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Standards/regulations	IEC 61076-2-104
Degree of protection	IP67, IP68, IP69K
Screw	Brass with nickel plated
Chain	Stainless steel
Environmental compliance	RoHs, Reach

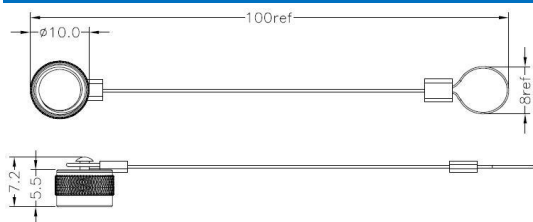


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M8 female metal waterproof cap with stainless steel chain

Illustration



Product photo



Part number

8CAP002-100

General Data

Standards/regulations	IEC 61076-2-104
Degree of protection	IP67, IP68, IP69K
O-ring material	Fluorine ring
Screw	Brass with nickel plated
Chain	Stainless steel
Environmental compliance	RoHs, Reach

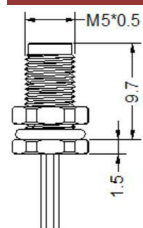


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M5 male straight front panel mount connector with solder pcb contact

Illustration



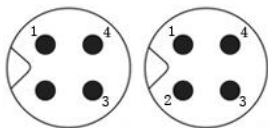
Product photo



Pin assignment front view

3pins

4pins



Part number

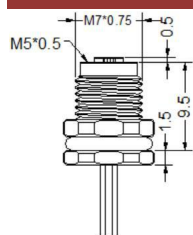
Pins	Part number("X" is length millimeter mm)
3pins	5D014-X
4pins	5D001-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm²)	0.14mm²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature (operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Brass with gold plated	
Screw	Brass with nickel plated	
O-ring material	Fluorine ring	
Environmental compliance	RoHs, Reach	

M5 female straight front panel mount connector with wire

Illustration



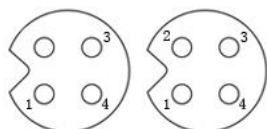
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)
3pins	5D016-X
4pins	5D003-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm²)	0.14mm²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature (operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Phosphorus copper with gold plated	
Screw	Brass with nickel plated	
O-ring material	Fluorine ring	
Environmental compliance	RoHs, Reach	

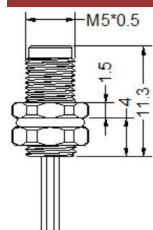


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M5 male straight rear panel mount connector with wire

Illustration



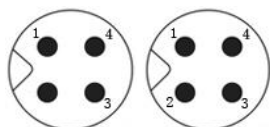
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)
3pins	5D006-X
4pins	5D002-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature (operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Brass with gold plated	
Screw	Brass with nickel plated	
O-ring material	Fluorine ring	
Environmental compliance	RoHs, Reach	

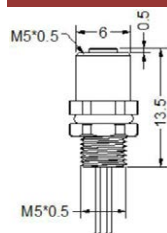


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M5 female straight rear panel mount connector with wire

Illustration



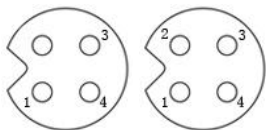
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)
3pins	5D017
4pins	5D004

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature (operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Phosphorus copper with gold plated	
Screw	Brass with nickel plated	
O-ring material	Fluorine ring	
Environmental compliance	RoHs, Reach	



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M5 male straight molded cable, unshielded

Illustration



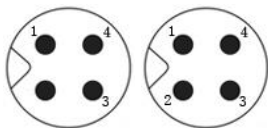
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)	
	PVC	PUR
	-40°C~+105°C	-40°C~+105°C
3pins	5L011-X	5L017-X
4pins	5L004-X	5L013-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder and over-mold	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Brass with gold plated	
Screw	Brass with nickel plated	
Environmental compliance	RoHs, Reach	

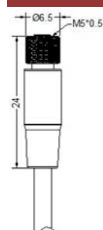


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M5 female straight molded cable, unshielded

Illustration



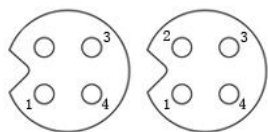
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)	
	PVC	PUR
	-40°C~+105°C	-40°C~+105°C
3pins	5L012-X	5L033-X
4pins	5L005-X	5L014-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder and over-mold	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm²)	0.14mm²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Phosphorus copper with gold plated	
Screw	Brass with nickel plated	
Environmental compliance	RoHs, Reach	

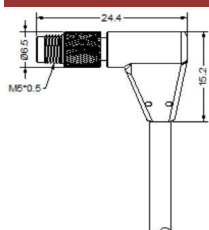


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M5 male right angle molded cable, unshielded

Illustration



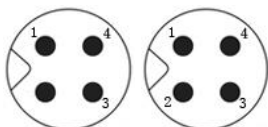
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)	
	PVC	PUR
	-40°C~+105°C	-40°C~+105°C
3pins	5L020-X	5L039-X
4pins	5L008-X	5L037-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder and over-mold	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Brass with gold plated	
Screw	Brass with nickel plated	
Environmental compliance	RoHs, Reach	

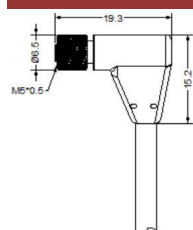


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M5 female right angle molded cable, unshielded

Illustration



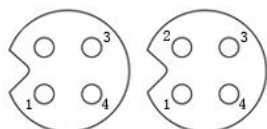
Product photo



Pin assignment front view

3pins

4pins



Part number

Pins	Part number("X" is length millimeter mm)	
	PVC	PUR
	-40°C~+105°C	-40°C~+105°C
3pins	5L021-X	5L040-X
4pins	5L009-X	5L038-X

General Data

Pins Numbers	3pins	4pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	solder and over-mold	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm²)	0.14mm²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pins material	Phosphorus copper with gold plated	
Screw	Brass with nickel plated	
Environmental compliance	RoHs, Reach	