

M12 circular connector,L-code



- **Cable Connector**

- Installable series and moulded cable series
- Thread locking M12X1
- Shielding ring and ring spring shielding connection
- Cable length 1.5m and 5m
- Other cable length upon request, minimum order quantity 200 pieces
- Cable material can be customized according to requirements
- Degree of protection IP67/ IP68
- Transparent case for PCB with LED

M12-L Circular Connector

63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	$\leq 10\text{m}\Omega$
Insulation resistance	$\geq 100\text{MQ}$
Connector locking system	screw M12x1
Wire gauge	0.5~2.5mm ² (20~14AWG)
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-25°C ...+85°C
Insert material	PC+ABS
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors Remark: SPQ is 1pc

Male cable connector

crimp terminal,

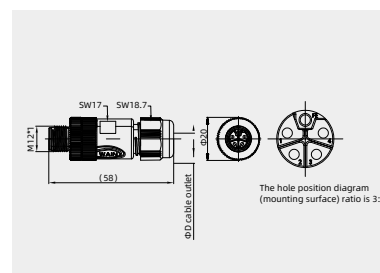
Order crimp contacts separately

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-MC04/1L-T-D6	163 005 410 3501
	6-8 mm	M12-MC04/1L-T-D8	163 005 410 3500



Male cable connector

crimp terminal,

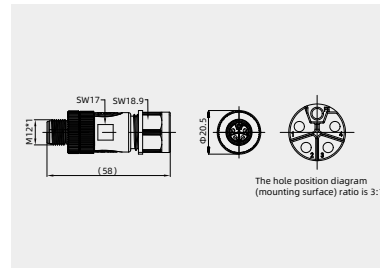
Order crimp contacts separately

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-MC04/1L-T-D10	163 005 410 3502



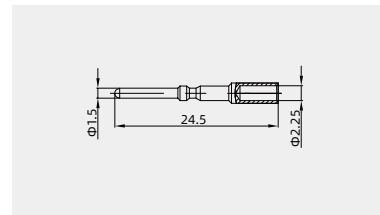
Crimp contacts

Crimp contacts 16A

16A

Remark: SPQ is 200pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.5-2.5	M12-MC16G-2.5	101 019 210 1053



Tools

Crimping tool

Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

M12-L Circular Connector

63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	$\leq 10\text{m}\Omega$
Insulation resistance	$\geq 100\text{MQ}$
Connector locking system	screw M12x1
Wire gauge	0.5~2.5mm ² (20~14AWG)
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-25°C ...+85°C
Insert material	PC+ABS
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors Remark: SPQ is 1pc

Female cable connector

crimp terminal,

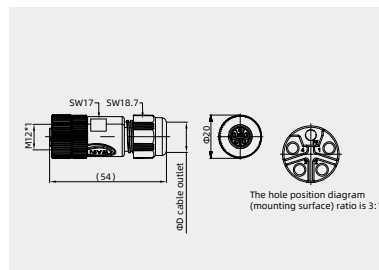
Order crimp contacts separately

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-FC04/1L-T-D6	163 005 420 3501
	6-8 mm	M12-FC04/1L-T-D8	163 005 420 3500



Female cable connector

crimp terminal,

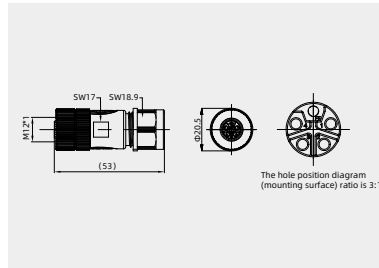
Order crimp contacts separately

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-FC04/1L-T-D10	163 005 420 3502



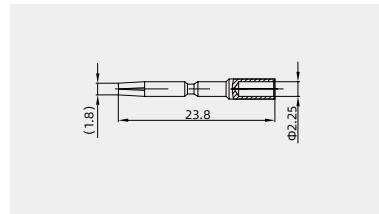
Crimp contacts

Crimp contacts 16A

16A

Remark: SPQ is 200pcs

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.5-2.5	M12-FC16G-2.5	101 019 220 1053



Tools

Crimping tool

Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

M12-L Circular Connector

63V 16A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Straight cable connectors

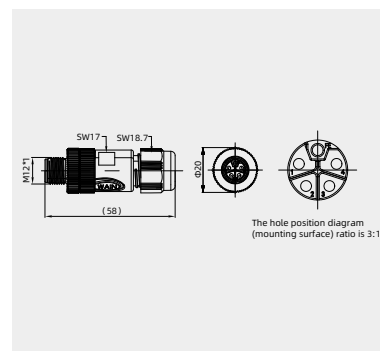
Male cable connector,
Screw terminal

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-M04/1L-T-D6	163 005 411 3502
	6-8 mm	M12-M04/1L-T-D8	163 005 411 3501

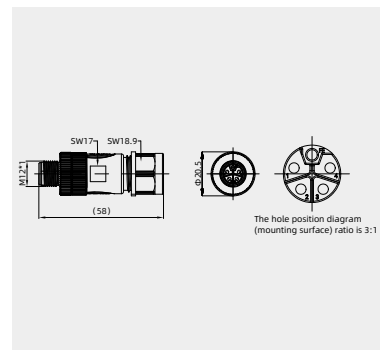
Male cable connector,
Screw terminal

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-M04/1L-T-D10	163 005 411 3503



M12-L

M12-L Circular Connector

63V 16A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Straight cable connectors

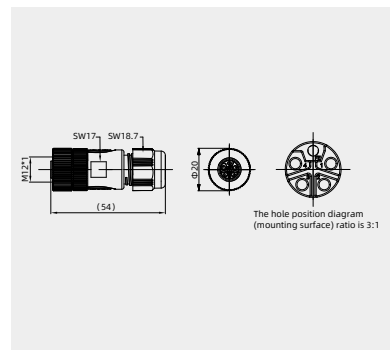
Female cable connector,
Screw terminal

L-Code



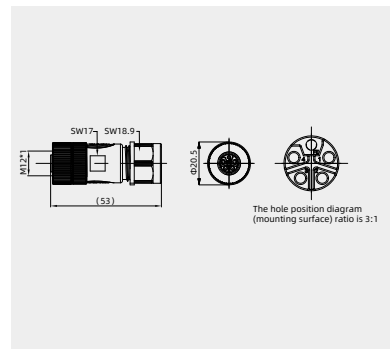
5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-F04/1L-T-D6	163 005 421 3504
	6-8 mm	M12-F04/1L-T-D8	163 005 421 3503

Female cable connector,
Screw terminal

5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-F04/1L-T-D10	163 005 421 3505



M12-L Circular Connector

63V 16A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	Crimp terminal
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Straight cable connectors, shielded

Male cable connector,

Crimp terminal ,with shielding ring

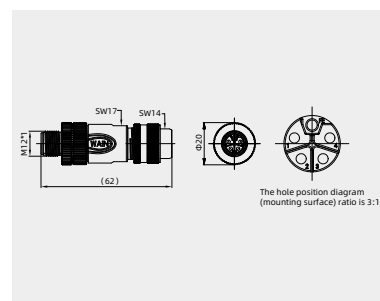


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-MC04/1L-T-D6-SH	163 005 410 2513
	6-8 mm	M12-MC04/1L-T-D8-SH	163 005 410 2502
	8-10 mm	M12-MC04/1L-T-D10-SH	163 005 410 2514



Female cable connector,

Crimp terminal ,with shielding ring

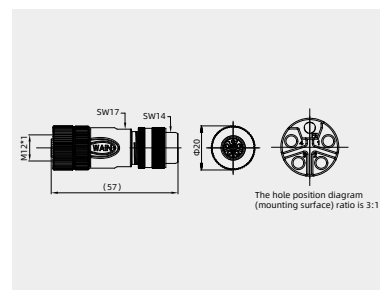


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12-FC04/1L-T-D6-SH	163 005 420 2514
	6-8 mm	M12-FC04/1L-T-D8-SH	163 005 420 2515
	8-10 mm	M12-FC04/1L-T-D10-SH	163 005 420 2516



Crimp contacts

Crimp contacts 16A

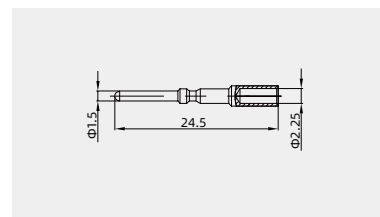
16A



Remark: SPQ is 200pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.5-2.5	M12-MC16G-2.5	101 019 210 1053

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.5-2.5	M12-FC16G-2.5	101 019 220 1053



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

M12-L Circular Connector

63V 16A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5~2.5mm²(20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Straight cable connectors

Male cable connector,

Screw terminal,with shielding ring

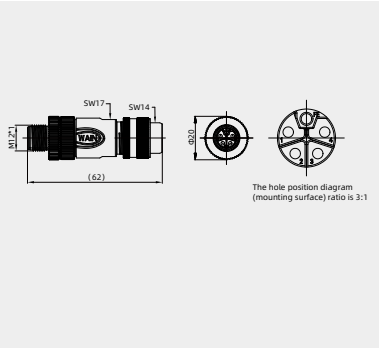


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-M04/1L-T-D6-SH	163 005 411 2504
	6-8 mm	M12-M04/1L-T-D8-SH	163 005 411 2505
	8-10 mm	M12-M04/1L-T-D10-SH	163 005 411 2506



M12-L Circular Connector

63V 16A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5-2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Straight cable connectors

Female cable connector,
Screw terminal

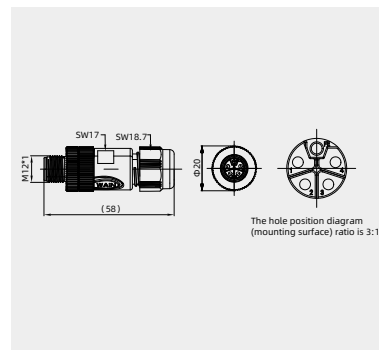


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-F04/1L-T-D6-SH	163 005 421 2505
	6-8 mm	M12-F04/1L-T-D8-SH	163 005 421 2504



Female cable connector,
Screw terminal

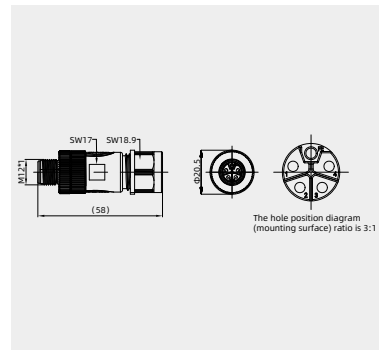


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-F04/1L-T-D10-SH	163 005 421 2506



M12-L

M12-L Circular Connector

125V 4A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	Crimp terminal
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Angled cable connectors

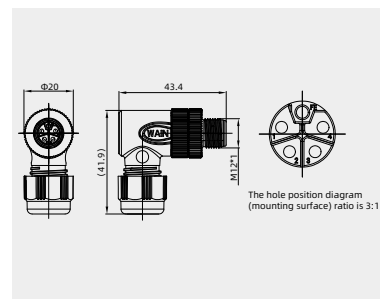
Male cable connector,
Crimp terminal

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-MC04/1L-S-D6	163 005 510 3500
	6-8 mm	M12-MC04/1L-S-D8	163 005 510 3501

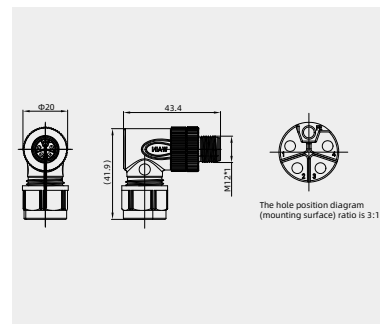
Female cable connector,
Crimp terminal

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-MC04/1L-S-D10	163 005 510 3502



Crimp contacts

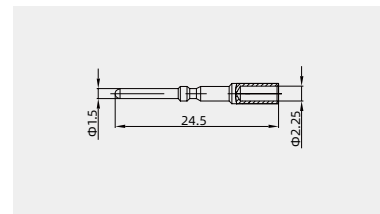
Crimp contacts 16A

16A



Remark: SPQ is 200pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.5-2.5	M12-MC16G-2.5	101 019 210 1053



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

M12-L Circular Connector

125V 4A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	Crimp terminal
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Angled cable connectors

Female cable connector,
Crimp terminal

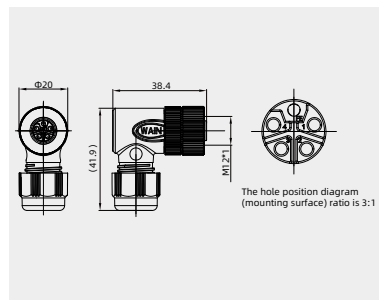


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-FC04/1L-S-D6	163 005 520 3500
	6-8 mm	M12-FC04/1L-S-D8	163 005 520 3501



Female cable connector,
Crimp terminal

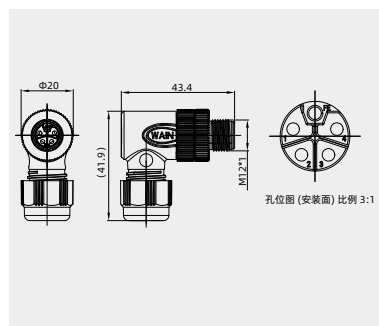


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-FC04/1L-S-D10	163 005 520 3502



Crimp contacts

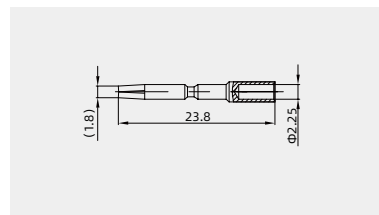
Crimp contacts 16A

16A



Remark: SPQ is 200pcs

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.5-2.5	M12-FC16G-2.5	101 019 220 1053



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

M12-L Circular Connector

125V 4A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Angled cable connectors

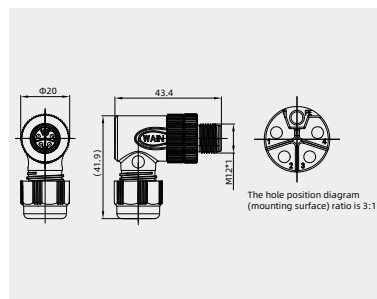
Male cable connector,
Screw terminal

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-M04/1L-S-D6	163 005 511 3500
	6-8 mm	M12-M04/1L-S-D8	163 005 511 3501

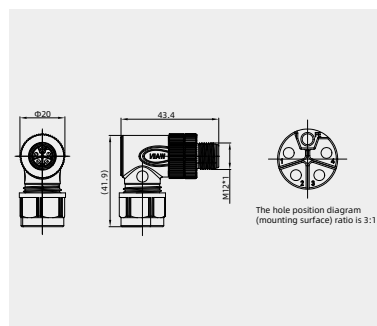
Female cable connector,
screw

L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-M04/1L-S-D10	163 005 511 3502



M12-L Circular Connector

125V 4A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Angled cable connectors

Female cable connector,
Screw terminal

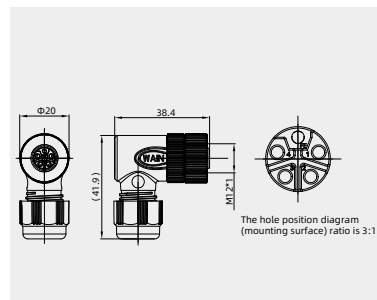


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-F04/1L-S-D6	163 005 521 3500
	6-8 mm	M12-F04/1L-S-D8	163 005 521 3501



Female cable connector,
screw

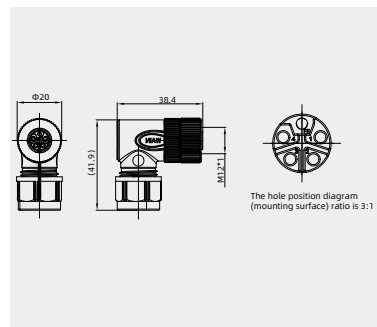


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-F04/1L-S-D10	163 005 521 3502



M12-L

M12-L Circular Connector

125V 4A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	Crimp terminal
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Angled cable connectors

Male cable connector

Crimp terminal ,with shielding ring

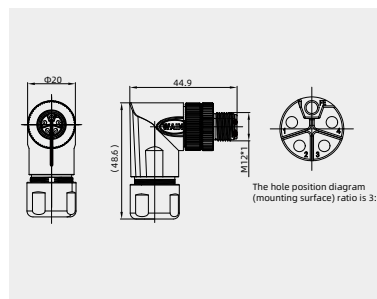


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-MC04/1L-S-D6-SH	163 005 510 2500
	6-8 mm	M12-MC04/1L-S-D8-SH	163 005 510 2501



Crimp contacts

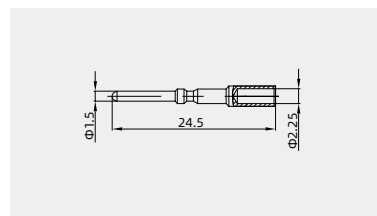
Crimp contacts 16A

16A



Remark: SPQ is 200pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.5-2.5	M12-MC16G-2.5	101 019 210 1053



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

M12-L Circular Connector

125V 4A

Technical characteristics



	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1.5kV
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	0.5~2.5mm ² (20~14AWG)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material group	-
Insert material	PA
Contact material	copper alloy
Surface finishes	Gold

Angled cable connectors

Male cable connector,

Screw terminal,with shielding ring

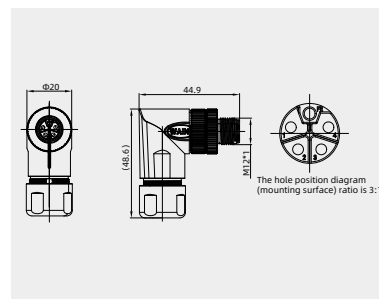


L-Code



5pin

Contacts	Cable outlet	Designation	Order No.
5	4-6 mm	M12-M04/1L-S-D6-SH	163 005 511 2500
	6-8 mm	M12-M04/1L-S-D8-SH	163 005 511 2501



M12-L Circular Connector

63V 16A

Technical characteristics

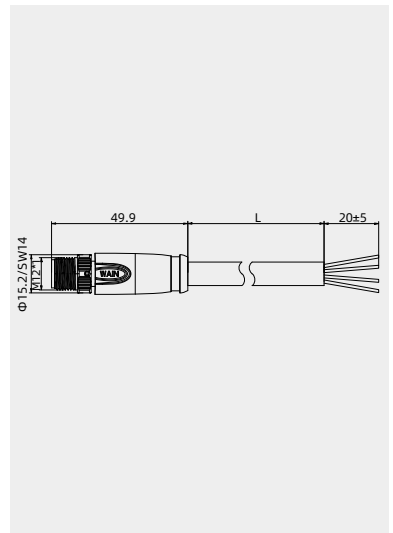
	5(4+FE)
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	≤ 10mΩ
Connector locking system	screw M12x1
Termination	single-strand max.2.5mm ² (AWG14)
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-25°C ...+85°C
Material(Hoods/Housings)	zinc alloy
Insert material	PC+ABS
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors,cable Remark: SPQ is 1pc

Male, single-strand, screw



Contacts	Cablet	Cable length	Designation	Order No.
5 (4+FE)	5X2.5PUR	1.5 m	M12-M04/1L-T-1.5-PUR	163 005 410 4501
		5.0 m	M12-M04/1L-T-5.0-PUR	163 005 410 4502



L-Code

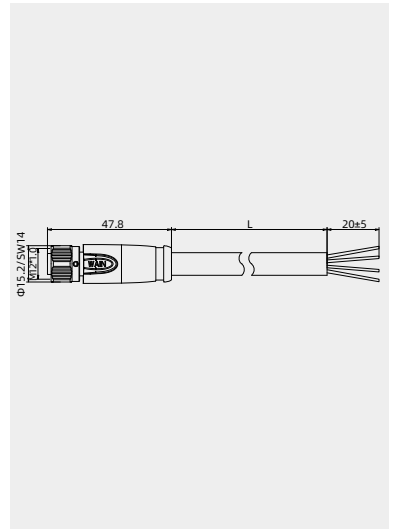


5pin

Female, single-strand, screw



Contacts	Cablet	Cable length	Designation	Order No.
5 (4+FE)	5X2.5PUR	1.5 m	M12-F04/1L-T-1.5-PUR	163 005 420 4500
		5.0 m	M12-F04/1L-T-5.0-PUR	163 005 420 4502



L-Code



5pin

M12-L Circular Connector

63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	$\leq 10\text{m}\Omega$
Connector locking system	screw M12x1
Termination	single-strand 2.5mm ² (AWG14)
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-25°C ... +85°C
Material(Hoods/Housings)	zinc alloy
Insert material	PA
Contact material	copper alloy
Surface finishes	gold

Angled cable connectors Remark: SPQ is 1pc

Male, single-strand, screw

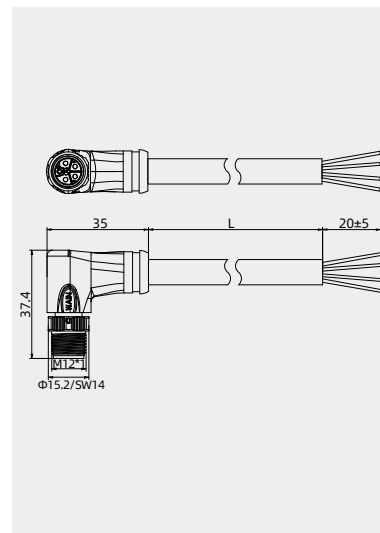


L-Code



5pin

Contacts	Cablet	Cable length	Designation	Order No.
5 (4+FE)	5X2.5PUR	1.5 m	M12-M04/1L-S-1.5-PUR	163 005 510 4502
		5.0 m	M12-M04/1L-S-5.0-PUR	163 005 510 4503



Female, single-strand, screw

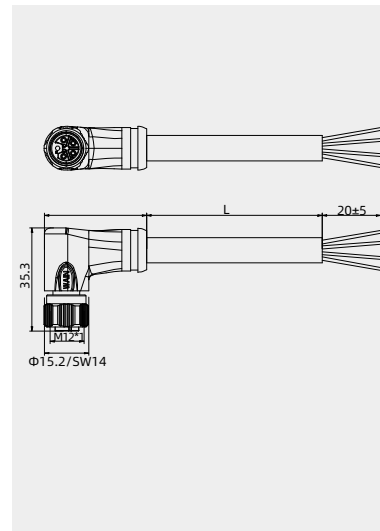


L-Code



5pin

Contacts	Cablet	Cable length	Designation	Order No.
5 (4+FE)	5X2.5PUR	1.5 m	M12-F04/1L-S-1.5-PUR	163 005 520 4501
		5.0 m	M12-F04/1L-S-5.0-PUR	163 005 520 4502



M12-L

M12-L Circular Connector

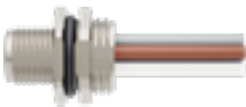
63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	≤ 10mΩ
Connector locking system	screw M12x1
Insulation resistance	≥ 10m ⁸ Ω
Degree of protection	IP27
Mechanical operation	> 100
Limiting temperature	-40°C ...+105°C
Material(Hoods/Housings)	zinc diecasting nickel plated
Insert material	PA
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors, cable Remark: SPQ is 1pc

Male, With cable connection
2.5mm², wire length 0.2m

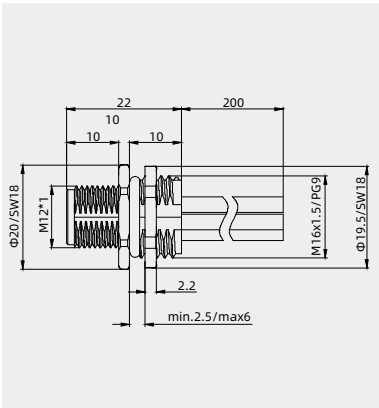


L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-M04/1L-BK-M16-W2.5	163 005 310 2500



Female, With wire connection
2.5mm², wire length 0.2m

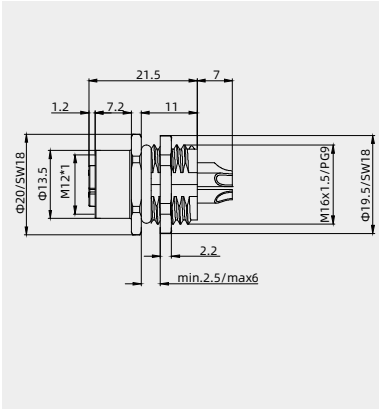


L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-F04/1L-BK-M16-W2.5	163 005 320 1501



M12-L Circular Connector

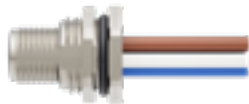
63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	$\leq 10\text{m}\Omega$
Connector locking system	screw M12x1
Insulation resistance	$\geq 10\text{m}^8\Omega$
Degree of protection	IP27
Mechanical operation	> 100
Limiting temperature	-40°C ...+105°C
Material(Hoods/Housings)	zinc diecasting nickel plated
Insert material	PA
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors, cable Remark: SPQ is 1pc

Male, With cable connection

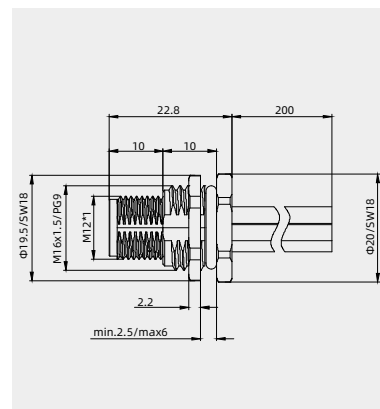
2.5mm², wire length 0.2m

L-Code

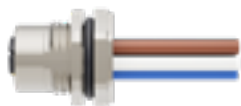


5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-M04/1L-BKR-M16-W2.5	163 005 310 2502



Female, With wire connection

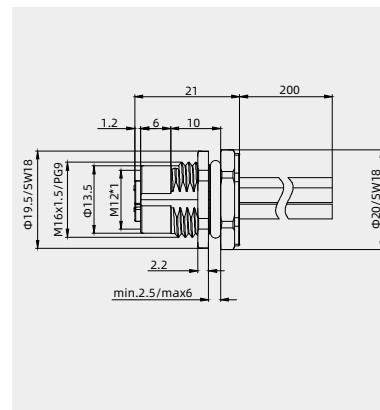
2.5mm², wire length 0.2m

L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-F04/1L-BKR-M16-W2.5	163 005 310 2501



M12-L

M12-L Circular Connector

63V 16A

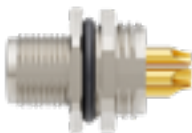
Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	≤ 10mΩ
Connector locking system	screw M12x1
Insulation resistance	≥ 10m ⁸ Ω
Degree of protection	IP27
Mechanical operation	> 100
Limiting temperature	-40°C ...+105°C
Material(Hoods/Housings)	zinc diecasting nickel plated
Insert material	PA
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors,cable

Remark: SPQ is 10pcs

Male panel mount connector,
solder

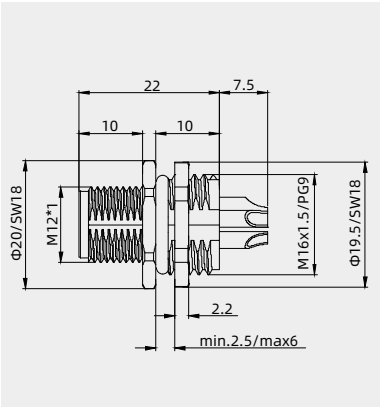


L-Code

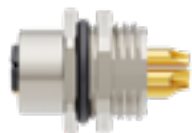


5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-M04/1L-BK-M16-C	163 005 310 2504



Female, Solder terminal

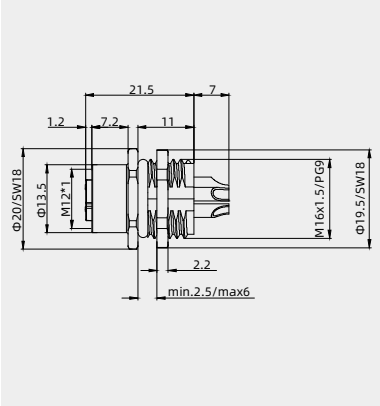


L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-F04/1L-BK-M16-C	163 005 320 2501



M12-L Circular Connector

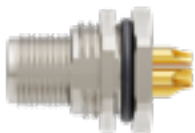
63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	$\leq 10\text{m}\Omega$
Connector locking system	screw M12x1
Insulation resistance	$\geq 10\text{m}^8\Omega$
Degree of protection	IP27
Mechanical operation	> 100
Limiting temperature	-40°C ... +105°C
Material(Hoods/Housings)	zinc diecasting nickel plated
Insert material	PA
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors,cable

Remark: SPQ is 10pcs

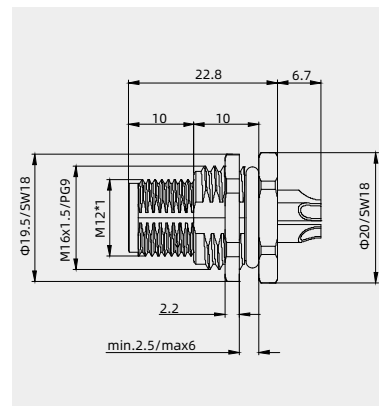
Male panel mount connector,
solder

L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-M04/1L-BKR-M16-C	163 005 310 2505



Female, Solder terminal

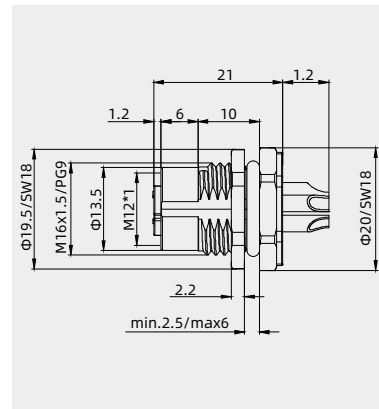


L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-F04/1L-BKR-M16-C	163 005 320 2502



M12-L

M12-L Circular Connector

63V 16A

Technical characteristics

	5-pole
Rated current (40°C)	16A
Rated voltage	63V
Rated impulse voltage	1500V
Pollution degree	3
Contact resistance	≤ 10mΩ
Connector locking system	screw M12x1
Insulation resistance	≥ 10m ³ Ω
Degree of protection	IP27
Mechanical operation	> 100
Limiting temperature	-40°C ...+105°C
Material(Hoods/Housings)	zinc diecasting nickel plated
Insert material	PA
Contact material	copper alloy
Surface finishes	gold

Straight cable connectors,cable

Remark: SPQ is 10pcs

Male, dip solder

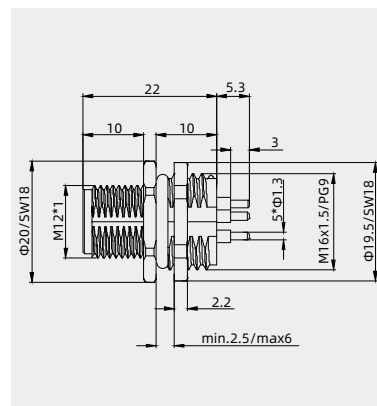


L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-M04/1L-BK-M16-D	163 005 310 2506



Female, dip solder



L-Code



5pin

Contacts	screw	Designation	Order No.
5	M16x1.5	M12-F04/1L-BK-M16-D	163 005 320 2503

