M8 Circular Connector

30/60V 4A

Technical characteristics

	3-pole	4-pole
Rated current(40°C)	4A	4A
Rated voltage	60V	30V
Rated impulse voltage	800V	800V
Pollution degree	3	3
Overvoltage categorie	II	II
Contact resistance	⩽ 10 mΩ	⩽ 10 mΩ
Connector locking system	screw	screw
Termination	crimp, moulded	crimp, moulded
Wire gauge	0.25mm²(AWG24)	0.25mm²(AWG24)
Cable outlet	-	-
Degree of protection	IP67	IP67
Mechanical operation	＞ 100	＞ 100
Limiting temperature	-25°C ...+85°C	-25°C ...+85°C
Material group	II	II
Material of contact	copper alloy	copper alloy
Contact plating	Au	Au
Insulating material	PA	PA
Material of housing	TPU	TPU

Angled cable connectors,cable

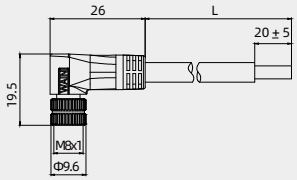
Female cable connector moulded, screw,shielded

Recommend to use

Contact arrangements

3pin 4pin

Contacts	Cable length	Cable	Designation	Order No.
3	1.5m	3x0.25PVC	M8-F03-S-1.5-PVC-SH	162 003 502 2001
		3x0.25PUR	M8-F03-S-1.5-PUR-SH	162 003 502 4061
	5.0m	3x0.25PVC	M8-F03-S-5.0-PVC-SH	162 003 502 2002
		3x0.25PUR	M8-F03-S-5.0-PUR-SH	162 003 502 4062
4	1.5m	4x0.25PVC	M8-F04-S-1.5-PVC-SH	162 004 502 2001
		4x0.25PUR	M8-F04-S-1.5-PUR-SH	162 004 502 2041
	5.0m	4x0.25PVC	M8-F04-S-5.0-PVC-SH	162 004 502 2002
		4x0.25PUR	M8-F04-S-5.0-PUR-SH	162 004 502 2042



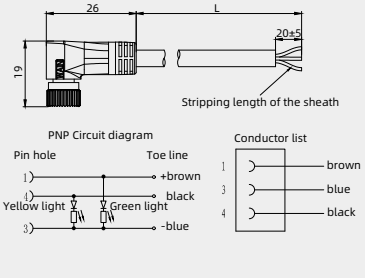
Male cable connector moulded, screw, shielded

Recommend to use

Contact arrangements

3pin

Contacts	Cable length	Cable	Designation	Order No.
3	1.5m	3x0.25PVC	M8-F03-S-1.5-PVC-LED	162 003 502 4003
		3x0.25PUR	M8-F03-S-1.5-PUR-LED	162 003 502 4043
	5.0m	3x0.25PVC	M8-F03-S-5.0-PVC-LED	162 003 502 4004
		3x0.25PUR	M8-F03-S-5.0-PUR-LED	162 003 502 4044



•Further cable length upon request, minimum order quantity 200 pieces.