

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	0.25mm ² (AWG24)	0.25mm ² (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

Cable connectors-wire jumper

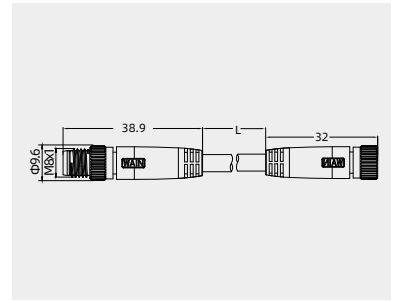
Male/female cable connector



Contact arrangements



Contacts	Cable length	Cable	Designation	Order No.
3	1.5m	3x0.25PVC	M8-M03-T/F03-T-1.5-PVC	162 003 401 4010
		3x0.25PUR	M8-M03-T/F03-T-1.5-PUR	162 003 401 4011
	5.0m	3x0.25PVC	M8-M03-T/F03-T-5.0-PVC	162 003 401 4506
		3x0.25PUR	M8-M03-T/F03-T-5.0-PUR	162 003 401 4004
4	1.5m	4x0.25PVC	M8-M04-T/F04-T-1.5-PVC	162 004 401 4010
		4x0.25PUR	M8-M04-T/F04-T-1.5-PUR	162 004 401 4011
	5.0m	4x0.25PVC	M8-M04-T/F04-T-5.0-PVC	162 004 401 4007
		4x0.25PUR	M8-M04-T/F04-T-5.0-PUR	162 004 401 4008



Male cable connector



Contact arrangements



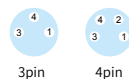
Contacts	Cable length	Cable	Designation	Order No.
3	1.5m	3x0.25PVC	M8-M03-T/M03-T-1.5-PVC	162 003 401 4012
		3x0.25PVC	M8-M03-T/M03-T-5.0-PVC	162 003 401 4013
4	5.0m	4x0.25PVC	M8-M04-T/M04-T-1.5-PVC	162 004 401 4012
		4x0.25PVC	M8-M04-T/M04-T-5.0-PVC	162 004 401 4009



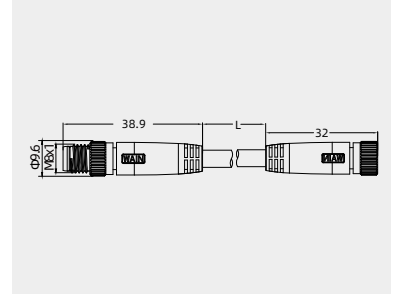
Female cable connector



Contact arrangements



Contacts	Cable length	Cable	Designation	Order No.
3	1.5m	3x0.25PVC	M8-F03-T/F03-T-1.5-PVC	162 003 402 4006
		3x0.25PVC	M8-F03-T/F03-T-5.0-PVC	162 003 402 4005
4	5.0m	4x0.25PVC	M8-F04-T/F04-T-1.5-PVC	162 004 402 4014
		4x0.25PVC	M8-F04-T/F04-T-5.0-PVC	162 004 402 4013



•Other cable lengths can be customized, PVC/PUR double-ended connectors, male/female, straight/angled, shielded/unshielded, freely combinable.