

M8-B Circular Connector

30V 4A

Technical characteristics

	5-pole
Rated current(40°C)	4A
Rated voltage	30V
Rated impulse voltage	800V
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw / connect straight
Termination	crimp, moulded
Wire gauge	0.25mm ² (AWG24)
Cable outlet	-
Degree of protection	IP67
Mechanical operation	> 100
Limiting temperature	-25°C ...+85°C
Material group	II
Material of contact	copper alloy
Contact plating	Au
Insulating material	PA
Material of housing	TPU

Straight cable connectors,cable

Male cable connector moulded,
screw



Contact arrangements



5pin

Male cable connector moulded
connect straight

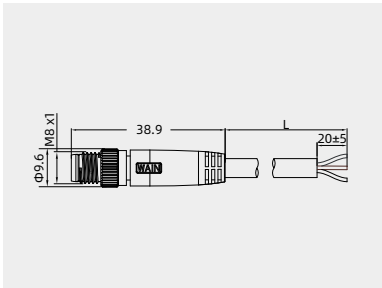


Contact arrangements

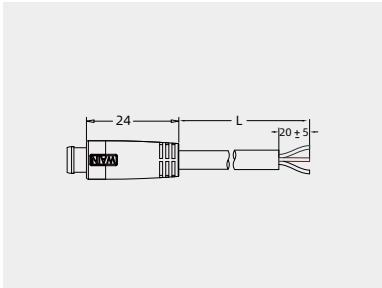


5pin

Contacts	Cable length	Cable	Designation	Order No.
5	1.5m	5x0.25PVC	M8-M05B-T-1.5-PVC	162 005 401 4001
		5x0.25PUR	M8-M05B-T-1.5-PUR	162 005 401 4002
	5.0m	5x0.25PVC	M8-M05B-T-5.0-PVC	162 005 401 4003
		5x0.25PUR	M8-M05B-T-5.0-PUR	162 005 401 4004



Contacts	Cable length	Cable	Designation	Order No.
5	1.5m	5x0.25PVC	M8Q-M05B-T-1.5-PVC	162 005 401 4005
		5x0.25PUR	M8Q-M05B-T-1.5-PUR	162 005 401 4006
	5.0m	5x0.25PVC	M8Q-M05B-T-5.0-PVC	162 005 401 4007
		5x0.25PUR	M8Q-M05B-T-5.0-PUR	162 005 401 4008



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