

M12-X Circular Connector

50V/60V 0.5A

Technical characteristics

Number of contacts	8
Rated current (40°C)	0.5A
Rated voltage	50V a.c / 60V d.c
Rated impulse voltage	0.8kV
Pollution degree	3
Contact resistance	≤ 10 mΩ
Insulation resistance	≥ 10 mΩ
Connector locking system	screw M12x1
Wire gauge	0.14mm ² (AWG 26)
Degree of protection	IP67
Mechanical operation	≥ 100
Limiting temperature	-40°C ...+85°C
Material of contact	copper alloy
Contact plating	Au
Insulating material	PA
Material of housing	zinc diecasting nickel plated

Socket

Female panel mount connector , shielded



X-Code



Contacts	Cable length	screw	Designation	Order No.
8	0.5m	PG9	M12-F08X-BKR-PG9-Cat.6a	163 008 302 4003
	0.5m	M16x1.5	M12-F08X-BKR-M16-0.5-PUR-Cat.6a	163 008 302 4005

