

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	screw, solder	screw, solder
Wire gauge	screw0.14-0.5mm²(AWG26-20),solder 0.25mm²(AWG24)	screw0.14-0.5mm²(AWG26-20),solder 0.25mm²(AWG24)
Cable outlet	3.5-5 mm,3.5-5.5 mm	3.5-5 mm,3.5-5.5 mm
Degree of protection	IP67	IP67
Mechanical operation	> 100	> 100
Limiting temperature	-40°C ...+85°C	-40°C ...+85°C
Material group	III	III
Material of contact	copper alloy	copper alloy
Contact plating	Au	Au
Insulating material	PA	PA
Material of housing	CuZn	CuZn

Straight cable connectors

Female cable connector, solder, shielded

Recommend to use

Contacts	Cable outlet	Designation	Order No.
3	3.5-5 mm	M8-FST03-T-D5-SH	162 003 423 2001
4	3.5-5 mm	M8-FST04-T-D5-SH	162 004 423 2001



Contact arrangements



Female cable connector, solder, shielded

Contacts	Cable outlet	Designation	Order No.
3	3.5-5 mm	M8-F03-T-D5.5-SH	162 003 421 2001
4	3.5-5 mm	M8-F04-T-D5.5-SH	162 004 421 2001



Contact arrangements

