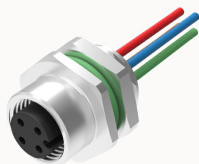


Overview

Product information



SD-M12B-05P-FF-SH8A50-20030001184

Sensor/Actuator Female socket,M12,Coding B,Front panel installation/PG9
Thread mounted,With 0.5m litz wires,

Product advantages

- ☑ Sealing optimization, protection level up to IP68
- ☑ Meet the harsh environment
- ☑ Suitable for various occasions connection technology
- ☑ Compatible with the international and domestic same series products

Product certification



RoHS

REACH



Technical data

Product drawing

3D model

□

Environmental conditions

Ambient temperature

-25℃...80℃

IP class

IP68

General parameters

Rated current

4A

60V

Number of potentials

5

Insulation resistance

≥ 100 MΩ

Error-proof coding

B-Code

Overvoltage level	II
Pollution level	3
Connection method	Single wire
Insertion and pullout cycle	≥ 100
Torque	0.4 Nm
Type of installation	Installation in front of the board

Material

Flammability rating ,in line with UL94	V0
Contact material	CuZn
Material contact surface	Au
Contact carrier material	PA
Coil material	Zinc alloy, nickel plated
Sealing material	Silicon

Standards and specifications

Standards/specifications	IEC 61076-2-101
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Cable

UL AWM form	UL1061
Cross section	0.34mm²
AWG signal wire	22AWG
Wire structure Signal wire	17/0.16mm²
Core diameter (including insulation layer)	1.30±0.05mm
Wire color	1 Brown 2 White 3 Blue 4 Black 5 Gray
Thickness, insulation	0.203mm
Conductor insulation material	PVC
Conductor material	Tinned copper

Insulation resistance	$\geq 20 \text{ M}\Omega$
Conductor resistance	Maximum 94.2 Ω /km (at 20 °C)
Nominal cable voltage	300V
Cable test voltage	2000V

Dimension

Cable length	0.5m
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Accessories

Accessories

Sealing cap	CAP-M12-MP-8002
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Business data

Order number	20030001184
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/