

Overview

Product information



SD-M12D-04P-FF-SF8A50-20030001197

Sensor/Actuator Female socket,M12,Coding D,Rear 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

 $\ensuremath{\square}$ Compatible with the international and domestic same series products

Product certification



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Technical data

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3D model

Environmental conditions

Ambient temperature	-25℃80℃
IP class	IP68

General parameters

Rated current	4A
Kaleu current	250V
Number of potentials	4
Insulation resistance	≥ 100 MΩ
Error-proof coding	D-Code

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

Material

Flammability rating ,in line with UL94	Vo
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
Thickness, insulation	0.203mm
Conductor insulation material	PVC
Conductor material	Tinned copper

Insulation resistance	≥ 20 MΩ	
Conductor resistance	Maximum 94.2Ω/km (at 20 °C))	
Nominal cable voltage	300V	
Cable test voltage	2000V	
Dimension		
Cable length	0.5m	

Accessories		
Accessories		
Sealing cap	CAP-M12-MP-8002	

Business data	
Order number	20030001197
Packing unit	1
Minimum order quantity	100
Products weight (without packaging)	1