

Overview

Product information



SESH-M12A-03P-MM-SM8A01-20030001810

Sensor/Actuator Male socket, Shielded, Male, M12, code A, Rear panel installation / M16 threaded mount, Cable length 1m

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

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Environmental conditions

Ambient temperature

-40℃...80℃

IP class

IP68

General parameters

Rated current

4A

250V

Number of potentials

3

Insulation resistance

≥ 100 MΩ

Error-proof coding

A-Code

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

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

Cable type	PVC Black
Cable type(abbreviation)	PVC
UL AWM form	UL2517
Cross section	0.34mm ²
AWG signal wire	22AWG
Wire structure Signal wire	17/0.16mm ²
Core diameter (including insulation layer)	1.30±0.05mm
Wire color	1 Brown 3 Blue 4 Black
Thickness, insulation	0.6mm
Cable outer diameter D	5.0 ±0.2mm

Outer sheath, material	PVC
Conductor insulation material	PVC
Conductor material	Tinned copper
Conductor resistance	Maximum 59.4Ω/km (at 20 °C)
Nominal cable voltage	300V
Cable test voltage	2000V
Flame retardant	Comply with UL 758/1581 FT1 standard
Halogen free	Yes

Accessories

Accessories

Sealing cap

CAP-M12-FP-8002

Business data

Order number	20030001810
Packing unit	100
Minimum order quantity	/
Products weight (without packaging)	/