Overview

Product information



SD-M8A-06P-MM-SH7B50-20020000451

Sensor/Actuator Female socket,M8,Coding A,Front panel installation/M8*0.5 Thread mounted,0.5m mlitz wires

Product advantages

☑Sealing optimization, protection level up to IP67
☑Meet the harsh environment
☑Miniature connector,Space saving
☑Suitable for various occasions connection technology
☑Compatible with the international and domestic same series products

Product certification

Technical data

Product drawing

3D model

Environmental conditions

Ambient temperature	-25℃...80℃
IP class	IP67

General parameters

Rated current	1.5A
	30V
Number of potentials	6
Insulation resistance	≥ 100 MΩ
Error-proof coding	A-Code

Overvoltage level	II
Pollution level	3
Connection method	Single wire
Insertion and pullout cycle	≥ 100
Torque	0.3 Nm ... 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	Copper alloy, nickel plated
Sealing material	Silicon

Standards and specifications

Standards/specifications	IEC 61076-2-104

Cable

UL AWM form	UL1061
Cross section	0.14mm²
Wire structure Signal wire	7/0.16mm²
Core diameter (including insulation layer)	1.00±0.05mm
Wire color	1 Brown 2 White 3 Blue 4 Black 5 Gray 6 Pink
Thickness, insulation	0.18mm
Conductor insulation material	PVC
Conductor material	Tinned copper
Insulation resistance	≥ 20 MΩ

Conductor resistance	Maximum 150Ω/km (at 20 °C))
Nominal cable voltage	300V
Cable test voltage	2000V

Dimension

Cable length	0.5m

Accessories

Business data

Order number	20020000451
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/