Overview

Product information



PM-M12A-12P-FF-SL8D01-20030000774

Sensor/Actuator Cable,PUR,black,UL20549,Female plug,Straight M12,Coding A,Unshielded,Trimming cable end,Cable Cable length:1m,UL Certification

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

Technical data

Product drawing

3D model

Environmental conditions

Ambient temperature	-25℃...80℃
IP class	IP68

General parameters

Rated current	1.5A
	30V
Number of potentials	12
Insulation resistance	≥ 100 MΩ
Error-proof coding	A-Code

Overvoltage level	II
Pollution level	3
Insertion and pullout cycle	≥ 100
Torque	0.4 Nm

Material

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

Standards and specifications

Standards/specifications	IEC 61076-2-101

Cable

Cable type	PUR Black
Cable type(abbreviation)	PUR
UL AWM form	UL20549
Cross section	0.14mm²
AWG signal wire	26AWG
Wire structure Signal wire	7/0.16mm²
Core diameter (including insulation layer)	1.00±0.05mm
Wire color	1 Brown 2 Blue 3 White 4 Green 5 Pink 6 Yellow 7 Black 8 Gray 9 Red 10 Violet 11Gray/Pink 12Red/Blue
Thickness, insulation	0.6mm

Cable outer diameter D	6.5 ±0.2mm
Outer sheath, material	PU
Conductor insulation material	PE
Conductor material	Tinned copper
Insulation resistance	≥100MΩ
Conductor resistance	Maximum 150Ω/km (at 20 °C))
Nominal cable voltage	300V
Cable test voltage	2000V
Flame retardant	Comply with UL 758/1581 FT2 standard
Oil resistance	No

Dimension

Cable length	1m

Accessories

Accessories

Sealing cap	CAP-M12-MP-8001

Business data

Order number	20030000774
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/