DEGSON

Overview

Product information



PM-M12T-04P-MM-SL8B01-20030000852

Sensor/Actuator Cable,PUR,black,UL20549,Male plug,Straight M12,Coding T,Unshielded,Trimming cable end,Cable 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

Environmental conditions

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

General parameters

Rated current	12A
	63V
Number of potentials	4
Insulation resistance	≥ 100 MΩ
Error-proof coding	T-Code

Overvoltage level	III
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	PU
Coil material	Zinc alloy, nickel plated
Sealing material	Silicon

Standards and specifications

Standards/specifications	IEC 61076-2-111

Cable

Cable type	PUR Black
Cable type(abbreviation)	PUR
UL AWM form	UL20549
Cross section	1.31mm²
AWG signal wire	16AWG
Wire structure Signal wire	266/0.08mm
Core diameter (including insulation layer)	2.4±0.05mm
Wire color	1 Brown 2 White 3 Blue 4 Black
Thickness, insulation	0.68mm
Cable outer diameter D	7.8mm
Minimum bend radius ,fixed installation	5*OD

Minimum bend radius ,mobile installation	10*OD
Bending times	4 million times
Bending radius	50.8mm
Cable weight	98.5kg/km
Outer sheath, material	PU
Conductor insulation material	PVC
Conductor material	Tinned copper
Insulation resistance	10MΩ
Conductor resistance	Maximum 14.6Ω/km (at 20 °C))
Nominal cable voltage	300V
Cable test voltage	2000V
Special attributes	Silicone-free
Flame retardant	Comply with UL 758/1581 FT2 standard
Other protection functions	UV/hydrolysis resistance

Dimension

Cable length	1m

Accessories

Accessories

Sealing cap	CAP-M12-FP-8001

Business data

Order number	20030000852
Packing unit	/
Minimum order quantity	100

Products weight (without packaging)	/