

Sensor/actuator cable - SAC-4P- 2,0-PUR/M12FR BK - 1533660

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Sensor/actuator cable, 4-position, PUR/PVC, black RAL 9005, free cable end, on Socket angled M12, cable length: 2 m

RoHS

Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 017918 991852
GTIN	4017918991852

Technical data

Dimensions

Length of cable	2 m
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General

Rated voltage	250 V AC
	250 V DC
Number of positions	4
Insertion/withdrawal cycles	≥ 100

Material

Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	350
Cable abbreviation	LiYY-11Y
UL AWM style	20549
Conductor cross section	0.34 mm ²
AWG signal line	22

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Technical data

Cable

Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.5 mm $\pm$ 0.05 mm
Thickness, insulation	approx. 0.3 mm (Core insulation)
	approx. 0.35 mm (Inner sheath)
	$\geq$ 0.38 mm (Outer cable sheath)
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	black RAL 9005
External cable diameter D	5.2 mm $\pm$ 0.2 mm
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	52 mm
Number of bending cycles	2000000
Bending radius	52 mm
Traversing path	5 m
Traversing rate	3 m/s
Cable weight	39 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq$ 1 G Ω *km (at 20 °C)
Conductor resistance	max. 58 Ω /km (at 20 °C)
Nominal voltage, cable	$\leq$ 300 V
Test voltage, cable	$\geq$ 3000 V
Flame resistance	in accordance with DIN UL-Style 20549
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

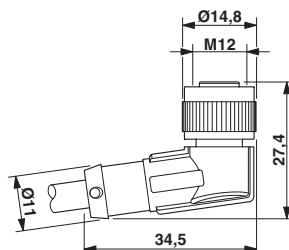
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Sensor/actuator cable - SAC-4P- 2,0-PUR/M12FR BK - 1533660

Dimensional drawing



M12 x 1 socket, angled

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		300 V	
Nominal current IN		4 A	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		300 V	
Nominal current IN		4 A	

EAC		RU C- DE.AI30.B.00767	
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Approvals

cULus Listed



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