


Sensor/actuator cable - SAC-3P- 3,0-PUR/FS SCO ST - 1544400

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Sensor/actuator cable, PUR/PVC, black RAL 9005, free cable end, on Socket straight M12 SPEEDCON, cable length: 3 m



Key Commercial Data

Packing unit	5 pc
Minimum order quantity	10 pc
GTIN	 4 046356 117487
GTIN	4046356117487

Technical data

Dimensions

Length of cable	3 m
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General

Rated voltage	250 V AC
	250 V DC

Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	350
Cable abbreviation	LiYY-11Y
UL AWM style	20549 / 1729
Conductor cross section	0.34 mm ²
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.5 mm ±0.05 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
Wire colors	brown, blue, black
Overall twist	3 wires, twisted
Length of twist, overall twist	55 mm
External sheath, color	black-gray RAL 7021
Inner sheath thickness	approx. 0.5 mm
Outer sheath thickness	≥ 0.38 mm (Outer cable sheath)
External cable diameter D	5.2 mm ±0.2 mm
Smallest bending radius, fixed installation	26 mm

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Technical data

Cable

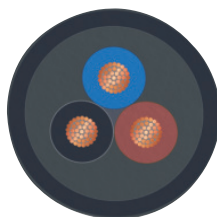
Smallest bending radius, movable installation	52 mm
Cable weight	37 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Conductor resistance	max. 58 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	3000 V
Special properties	Flexible use, however not recommended for use in drag chains
Flame resistance	according to UL 758/1581 (horizontal)
	in accordance with UL 758/1581 FT2
	According to DIN EN 60332-2-2 (20 s)
Other resistance	hydrolysis and microbe resistant
	Low adhesion
	abrasion-resistant
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-20 °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

Cable cross section



PUR/PVC black [350]

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

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Approvals

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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cULus Listed	
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