

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	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	128.0 GRM
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	3 m
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Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	350
Cable abbreviation	LiYY-11Y
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.52 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.38 mm (Outer cable sheath)
	approx. 0.45 mm (Inner sheath)
Wire colors	brown, blue, black
Overall twist	3 wires, twisted
External sheath, color	Black RAL 9005
External cable diameter D	5.2 mm ±0.2 mm
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	52 mm
Number of bending cycles	2000000

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Technical data

Cable

Bending radius	52 mm
Traversing path	5 m
Traversing rate	3 m/s
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. 57.3 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	2500 V
Flame resistance	According to UL 758/1581 VW-1
	According to DIN EN 50265-2-1
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501

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Classifications

UNSPSC

UNSPSC 13.2	31251501
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Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed	
Nominal current IN	4 A
Nominal voltage UN	300 V

cUL Listed	
Nominal current IN	4 A
Nominal voltage UN	300 V

cULus Listed	
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