

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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
-----------------	-----

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

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

Technical data

Cable

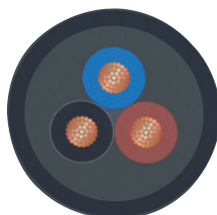
Smallest bending radius, movable installation	52 mm
Cable weight	37 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq 100 \text{ M}\Omega \cdot \text{km}$ (at 20 °C)
Conductor resistance	max. 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

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

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
-----	---	--------------------------

cULus Listed	
--------------	---

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1544400