

## Sensor/actuator cable - SAC-3P- 2,0-420/MINFR - 1533068

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, 3-position, PVC, yellow, free cable end, on Socket angled 7/8"-16UNF, A-coded, cable length: 2 m

### Your advantages

- Easy and safe: 100% electrically tested plug-in components
- Robust connectors in size 7/8"-16UNF
- High-performance: connectors and cables with a large conductor cross section for power supply

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 025874
GTIN	4046356025874

### Technical data

#### Dimensions

Length of cable	2 m
-----------------	-----

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
Degree of protection	IP65
	IP67
	IP68

#### General

Rated current at 40°C	13 A
Rated voltage	600 V
Number of positions	3
Insulation resistance	≥ 10 MΩ
Coding	A - standard
Status display	No
Protective circuit/component	unwired
Overvoltage category	II
Degree of pollution	2

# Sensor/actuator cable - SAC-3P- 2,0-420/MINFR - 1533068

## Technical data

### General

Test voltage	4000 V
Insertion/withdrawal cycles	> 500

### Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	Nickel-plated brass

### Cable

Cable type	PVC yellow Auto color code
Conductor cross section	1.5 mm <sup>2</sup>
AWG signal line	16
Conductor structure signal line	65x 0.16 mm
Wire colors	Green, red-black, red-white
External sheath, color	yellow
External cable diameter	10.24 mm
Outer sheath, material	PVC
Ambient temperature (operation)	-20 °C ... 105 °C (cable, fixed installation)
	-20 °C ... 105 °C (cable, flexible installation)

### Standards and Regulations

Flammability rating according to UL 94	HB
--	----

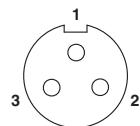
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

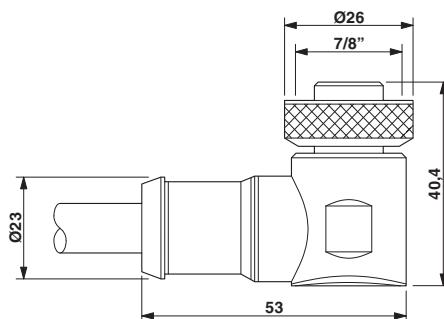
## Sensor/actuator cable - SAC-3P- 2,0-420/MINFR - 1533068

Schematic diagram



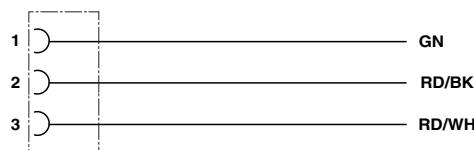
Pin assignment, socket, 7/8"-16UNF, 3-pos., view of female side

Dimensional drawing



7/8"-16UNF socket, angled

Circuit diagram



Contact assignment of 7/8" plugs/sockets, cable type 420

---

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:](#)

[1533068](#)