

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

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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
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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

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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 ²
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
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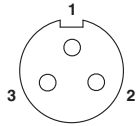
Environmental Product Compliance

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

Drawings

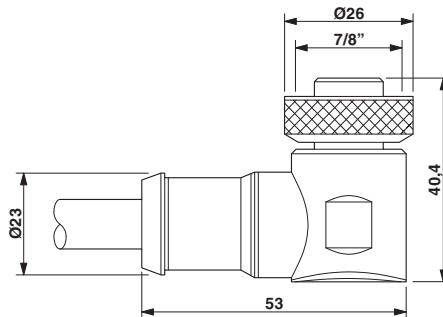
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Schematic diagram



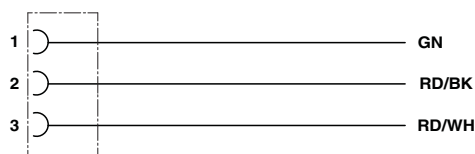
Pin assignment, socket, 7/8"-16UNF, 3-pos.,
view of female side

Dimensional drawing



7/8"-16UNF socket, angled

Circuit diagram



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

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

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