

Sensor/Actuator cable - SAC-4P- 6,0-400/MINFS - 1532043

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Sensor/Actuator cable, 4-position, PVC, yellow RAL 1021, free cable end, on Socket straight 7/8"-16UNF, A-coded, Cable length: 6 m

Why buy this product

- 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 STK
GTIN	 4 046356 025119

Technical data

Dimensions

Length of cable	6 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	7 A
Rated voltage	300 V
Number of positions	4
Insulation resistance	≥ 10 MΩ
Coding	A - standard
Status display	No
Protective circuit/component	Unwired
Overvoltage category	II
Degree of pollution	2
Test voltage	2500 V

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Technical data

General

Insertion/withdrawal cycles	> 500
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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 IEC color code
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	41x 0.16 mm
Wire colors	brown, white, blue, black
External sheath, color	yellow RAL 1021
External cable diameter	6.30 mm
Outer sheath, material	PVC
Ambient temperature (operation)	-10 °C ... 105 °C (cable, fixed installation)
	-5 °C ... 105 °C (cable, flexible installation)

Standards and Regulations

Flammability rating according to UL 94	HB
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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	27279218

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

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Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed	
mm ² /AWG/kcmil	18
Nominal current I _N	7 A
Nominal voltage U _N	300 V

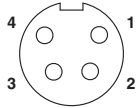
cUL Listed	
mm ² /AWG/kcmil	18
Nominal current I _N	7 A
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cULus Listed	
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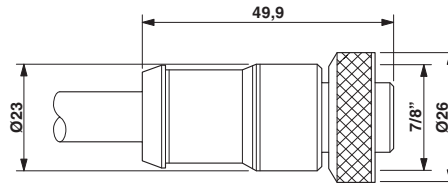
Drawings

Schematic diagram



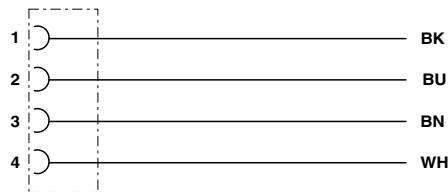
Pin assignment, socket, 7/8"-16UNF, 4-pos.,
view of female side

Dimensional drawing



7/8"-16UNF socket, straight

Circuit diagram



Contact assignment of 7/8" plugs/sockets, cable type 400

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