


SAC-5P-10,0-500/M12FS VA

Order No.: 1565890

As shown in the figure, but with gray wire and high-grade steel knurl

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1565890>Sensor/Actuator cable, 5-position, PVC, Gray RAL 7001, Free
conductor end, on Socket, straight M12, A-coded, Cable length: 10 m

Commercial data

GTIN (EAN)	 4 046356 316224
Note	Made-to-order
sales group	D112
Pack	1 pcs.
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
09/28/2007

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Length of cable	10 m
Stripping length of the free conductor end	50 mm

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	High-grade steel
Sealing material	NBR
Status display	No

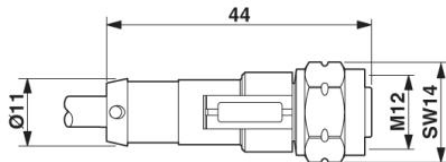
Conductor data

Cable type	PVC gray
Cable abbreviation	LiYY
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.45 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation) ≥ 0.76 mm (Outer cable sheath)
External cable diameter	5.90 mm
Wire colors	Black, brown, blue, white, green/yellow
External sheath, color	Gray RAL 7001
Insulation resistance	≥ 1 GΩ*km
Conductor resistance	≤ 58 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	3000 V
Overall twist	5 wires around filler to the core
Outer sheath, material	PVC
Material, filler	PVC

Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	54 kg/km

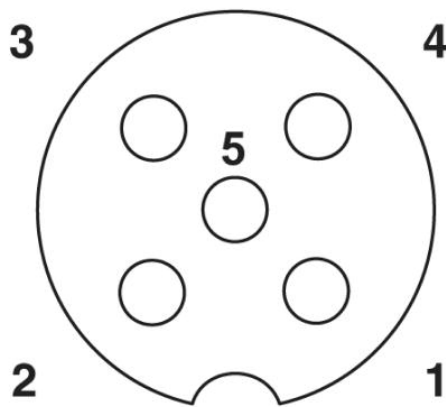
Diagrams/Drawings

Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact
Technical modifications reserved;