

## SAC-12P- 5,0-PVC/FS SCO

Order No.: 1554872

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1554872>

Sensor/actuator cable, 12-pos., black PVC, straight M12 SPEEDCON socket on the free conductor end, length: 5.0 m

### Commercial data

EAN	4046356176484
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	0.2575 KG
Catalog page information	Page 96 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
04/13/2007



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### Technical data

#### General data

Nominal current $I_N$	1.5 A
Nominal voltage $U_N$	30 V
Number of positions	12
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

Length of cable	5 m
Ambient temperature (operation)	-25 °C ... 90 °C (plug/socket)
	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

#### General characteristics

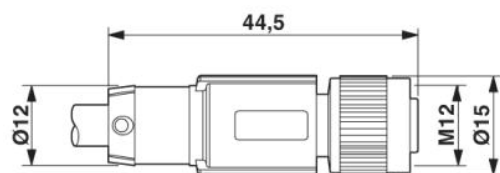
Coding	A - standard
Inflammability class acc. to UL 94	HB
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Status display	No

#### Conductor data

Cable type	PVC black
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure, signal line	18x 0.10 mm
External cable diameter	5.80 mm
Wire colors	Color-coded DIN 47100
External sheath, color	black

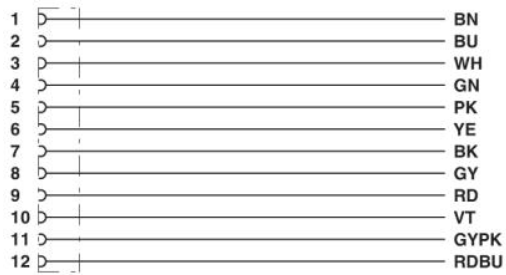
#### Drawings

Dimensioned drawing



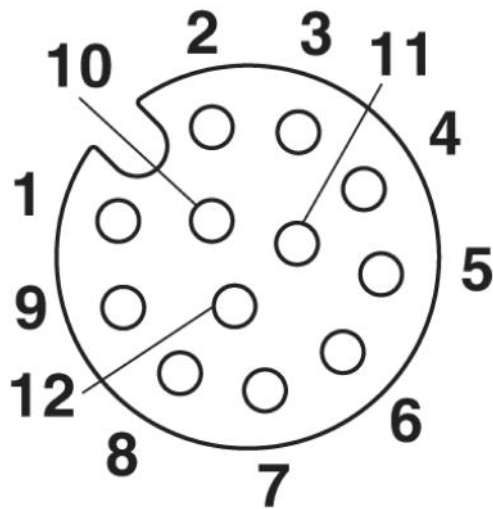
M12-SPEEDCON socket, straight

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



Pin assignment M12, 12-pos., female side view

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