

SAC-17P- 3,0-PVC/FS SCO

Order No.: 1555350



Sensor/Actuator cable, 17-position, PVC, Black RAL 9005, Free conductor end, on Socket, straight M12-SPEEDCON, A-coded, Cable length: 3 m



Commercial data

EAN	 4 046356 176637
Pack	1
Customs tariff	85444290
Catalog page information	Page 96 (PC-2009)

Product notes

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



Technical data

General data

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	17
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 10 \text{ M}\Omega$
Length of cable	3 m

Stripping length of the free conductor end	35 mm
Ambient temperature (operation)	-25 °C ... 90 °C (female)

General characteristics

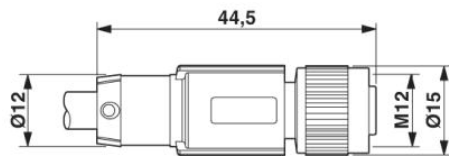
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
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 ²
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Core diameter including insulation	1 mm ±0.05 mm
External cable diameter	6.40 mm
Wire colors	Color-coded DIN 47100
External sheath, color	Black RAL 9005
Overall twist	Wires twisted in layers
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Smallest bending radius, movable installation	96 mm
Ambient temperature (operation)	-5 °C ... 80 °C (cable, flexible installation) -25 °C ... 80 °C (cable, fixed installation)

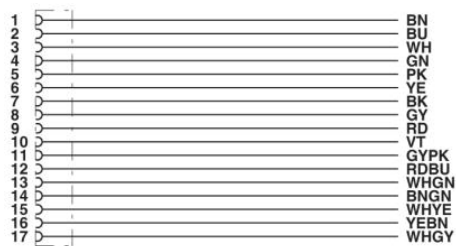
Drawings

Dimensioned drawing



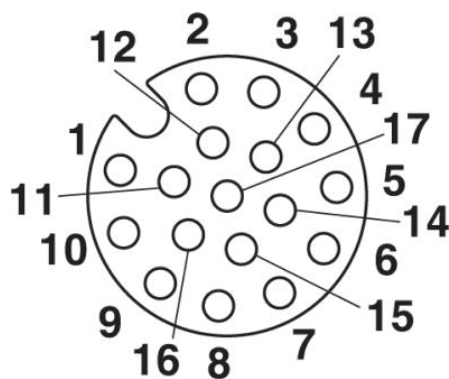
M12-SPEEDCON socket, straight

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



Pin assignment M12, 17-pos., female side view