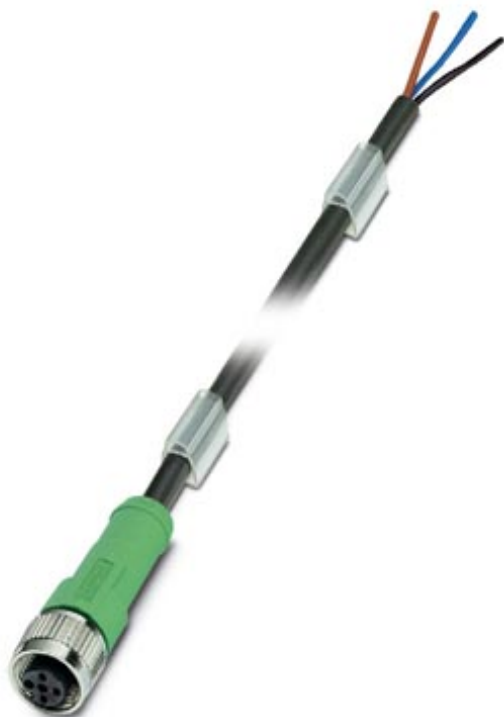


Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

► Extract from the online catalog



Sensor/actuator cable, straight female connector
M12, 3-pos., cable length: 5 m

The illustration shows a 5-position version

Order No.	1683510
Ord designation	SAC-3P- 5,0-PUR/M12FS
EAN	4017918185831
Pack	1 Pcs.
Customs tariff	85445190
Weight	0,19 KG
Catalog page information	Page 83 (PC-2005)

► Product notes

WEEE/RoHS-compliant since: 12/01/2005



► Technical data

General data

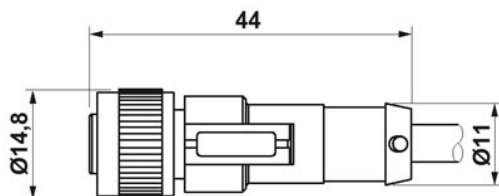
Nominal current I_N	4 A
Rated voltage in acc. with IEC 61076-2-101	250 V
Rated voltage (II/3)	320 V
Number of positions	3
Contact resistance	$\leq 5 \text{ m}\Omega$
Ambient temperature (operation)	-25 °C ... 90 °C (socket)
Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
Ambient temperature (operation)	-5 °C ... 70 °C (cable, flexible installation)

General characteristics

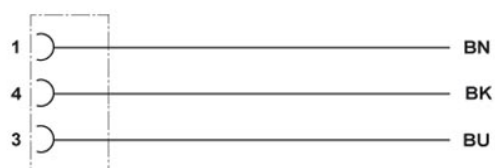
Keying	A - standard
Fixed cable length	5 m
Cable type	PUR/PVC black
Degree of protection	IP68
Insulating material	TPU
Material contact	CuSn
Material contact surface	Ni/Au
Conductor cross section stranded min.	0.34 mm^2
Conductor cross section stranded max.	0.34 mm^2
Individual wires per module	42
Single wire diameter	0.1 mm
Contact resistance	$\leq 5 \text{ m}\Omega$

► Drawings

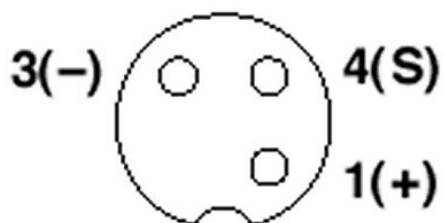
Dimensioned drawing



Circuit diagram



Schematic diagram



Pin assignment socket M 12

► Address

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