

Sensor/actuator cable - SAC-5P-10,0-BF145/M12FS SH NC - 1405343

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Sensor/actuator cable, 5-pos., free cable end to straight M12 socket, A-coded, cable length: 10 m

As shown in the illustration but with different wire colors



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4046356740647

Technical data

Dimensions

Length of cable	10 m
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Ambient conditions

Degree of protection	IP65
	IP67

General

Rated voltage	48 V AC
	60 V DC
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100

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Technical data

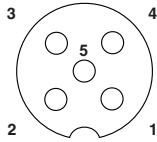
Cable

Cable type	POC irradiated halogen-free black
Cable type (abbreviation)	BF 145
Conductor cross section	5x 0.5 mm ²
AWG signal line	20
Core diameter including insulation	1.9 mm
Wire colors	black 1, black 2, black 3, black 4, black 5
Overall twist	5 wires around filler to the core
Shielding	Tinned copper braided shield
External sheath, color	black RAL 9005
External cable diameter D	7.3 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	12 x D
Number of bending cycles	2000000
Minimum bending radius, drag chain applications	10 x D
Traversing path	5 m
Traversing rate	4 m/s
Acceleration	5 m/s ²
Cable weight	86 kg/km
Outer sheath, material	POC
Material conductor insulation	POC
Conductor material	Tin-plated Cu litz wires
Nominal voltage, cable	300 V
Test voltage Core/Core	3500 V
Test voltage Core/Shield	2500 V
Special properties	Irradiated
Flame resistance	IEC 60332-1
	According to DIN EN 50265-2-1
Halogen-free	according to IEC 60754-1
	in accordance with DIN EN 50267-2-1
Other resistance	Good resistance to aggressive media
Concentration of fumes	in accordance with IEC 61034
	EN 50268-2
Ambient temperature (operation)	-55 °C ... 145 °C (cable, fixed installation)
	-35 °C ... 120 °C (cable, flexible installation)

Drawings

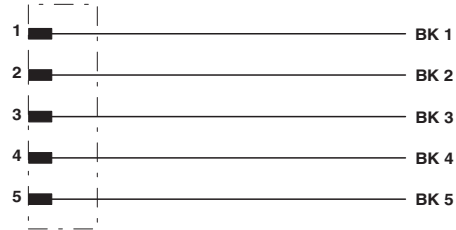
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Schematic diagram



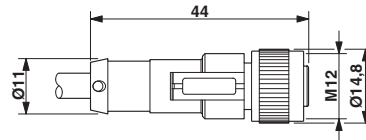
Pin assignment M12 socket, 5-pos., A-coded, socket side view

Circuit diagram



Contact assignment of the M12 socket

Dimensional drawing



M12 x 1 socket, straight

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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