

Sensor/actuator cable - SAC-4P-10,0-PVC/M8FS SH VA - 1404853

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Sensor/actuator cable, 4-pos., PVC, black RAL 9005, shielded, free cable end, to straight M8 socket, cable length: 10 m

As illustrated but with VA knurl



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 725194
GTIN	4046356725194
Weight per Piece (excluding packing)	398.400 g
Custom tariff number	85444290
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	10 m
-----------------	------

Ambient conditions

Degree of protection	IP65
	IP67
	IP68
	IP69K

General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	4

Sensor/actuator cable - SAC-4P-10,0-PVC/M8FS SH VA - 1404853

Technical data

General

Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3

Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Stainless steel
Sealing material	NBR

Standards and Regulations

Flammability rating according to UL 94	HB
--	----

Cable

Cable type	PVC black
Cable type (abbreviation)	PVC
AWG signal line	22
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.19 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.65 mm (Outer cable sheath)
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
Shielding	Tinned copper braided shield
Optical shield covering	85 %
External sheath, color	black RAL 9005
External cable diameter D	5 mm ±0.2 mm
Cable weight	38 kg/km
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Conductor resistance	max. 78 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	3000 V
Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
	-15 °C ... 80 °C (cable, flexible installation)

Sensor/actuator cable - SAC-4P-10,0-PVC/M8FS SH VA - 1404853

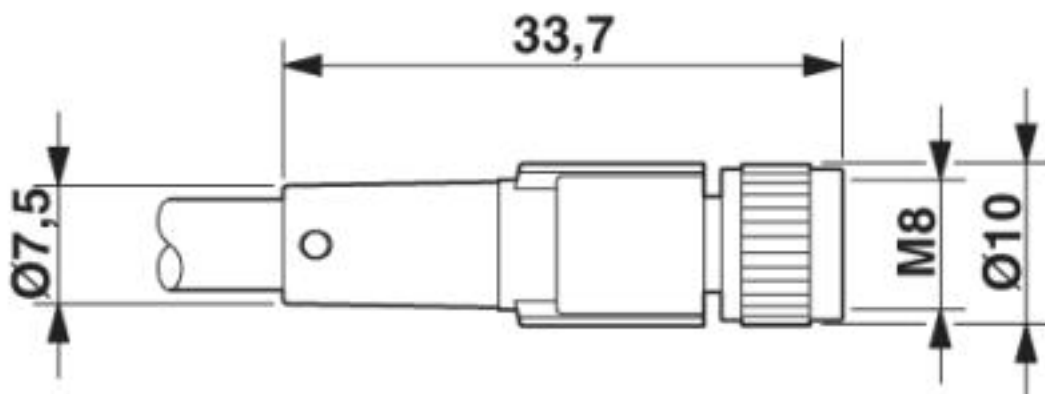
Technical data

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

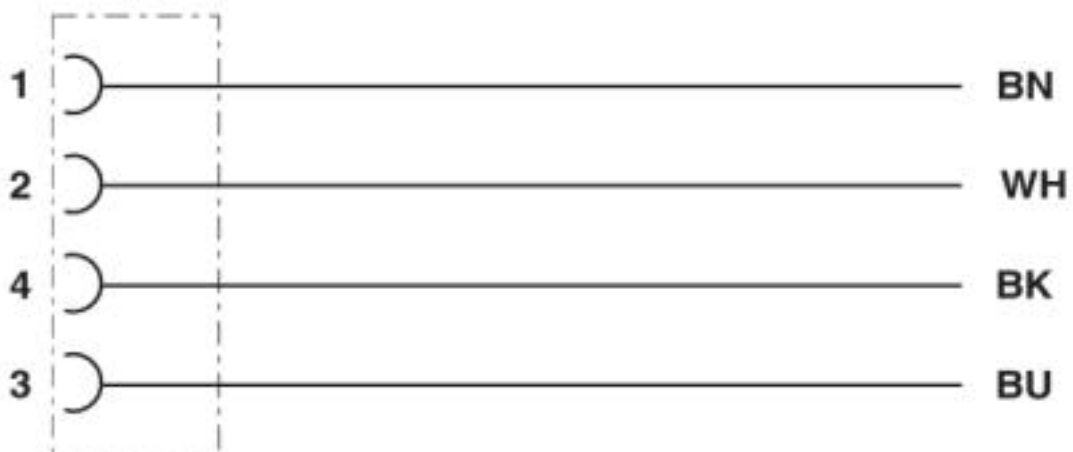
Drawings

Dimensional drawing



Socket M8 x 1, straight

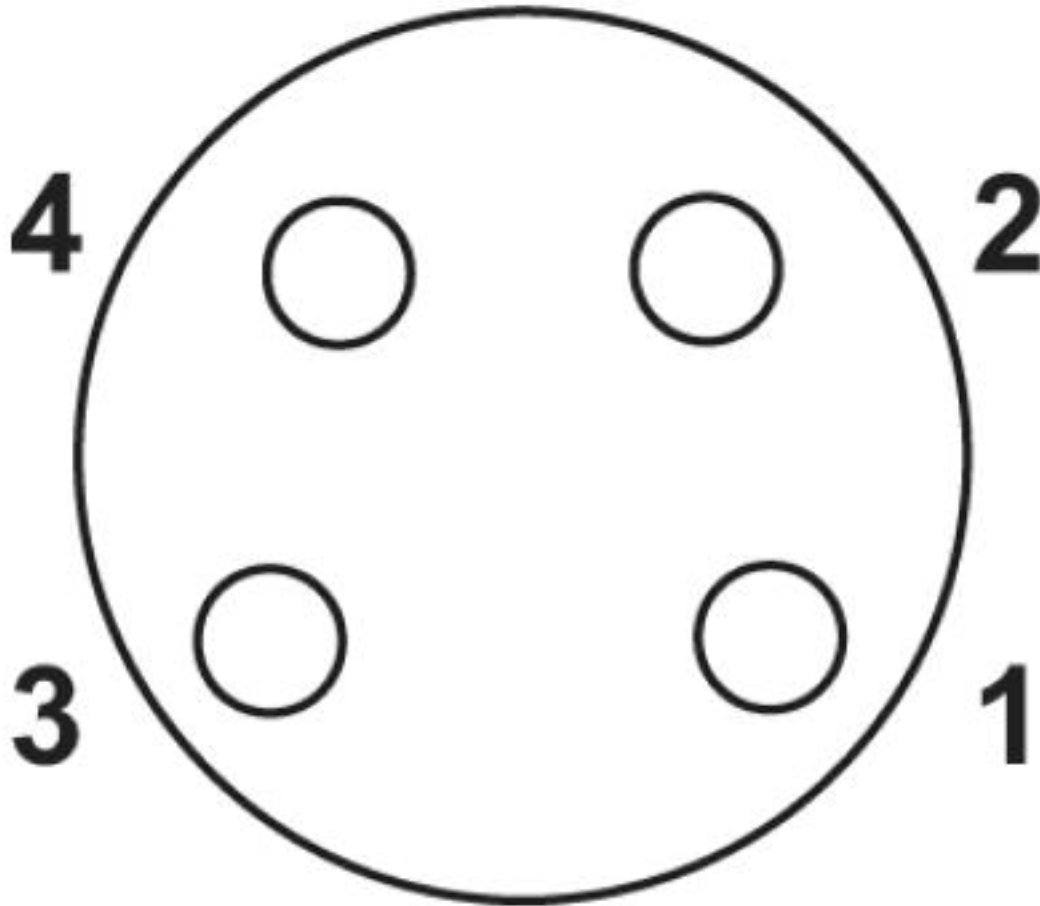
Circuit diagram



Contact assignment of M8 socket

Sensor/actuator cable - SAC-4P-10,0-PVC/M8FS SH VA - 1404853

Schematic diagram



Pin assignment M8 socket, 4-pos.

Classifications

eCl@ss

eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855

Sensor/actuator cable - SAC-4P-10,0-PVC/M8FS SH VA - 1404853

Classifications

ETIM

ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501