

SAC-4P-10,0-PVC/M 8FR BK - Sensor/actuator cable



1402362

<https://www.phoenixcontact.com/us/products/1402362>

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 documentation. Our general terms of use for downloads are valid.



Sensor/actuator cable, PVC, black RAL 9005

Commercial data

Item number	1402362
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF1BCA
GTIN	4046356607582
Weight per piece (including packing)	292.5 g
Weight per piece (excluding packing)	262.35 g
Country of origin	DE

SAC-4P-10,0-PVC/M 8FR BK - Sensor/actuator cable



1402362

<https://www.phoenixcontact.com/us/products/1402362>

Technical data

Product properties

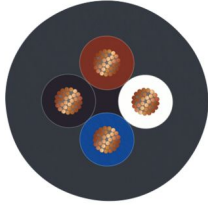
Product type	Sensor/actuator cable
--------------	-----------------------

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC

Cable/line

PVC black [PVC]

Dimensional drawing	
Cable weight	33 kg/km
UL AWM Style	2464 / 1729 (80°C/300 V)
Number of positions	4
Shielded	no
Cable type	PVC black [PVC]
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross-section	4x 0.25 mm ² (Signal line)
Wire diameter incl. insulation	1.17 mm ±0.05 mm
External cable diameter	4.40 mm ±0.15 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, white, blue, black
Thickness, insulation	≥ 0.23 mm (Core insulation) ≥ 0.76 mm (Outer cable sheath)
Overall twist	4 wires, twisted
Max. conductor resistance	max. 79 Ω/km (at 20 °C)
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Minimum bending radius, fixed installation	5 x D
Smallest bending radius, fixed installation	22 mm

SAC-4P-10,0-PVC/M 8FR BK - Sensor/actuator cable



1402362

<https://www.phoenixcontact.com/us/products/1402362>

Flame resistance	As per UL-Style 2464
Resistance to oil	EN 60811-2-1
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-10 °C ... 80 °C (Cable, flexible installation)

SAC-4P-10,0-PVC/M 8FR BK - Sensor/actuator cable



1402362

<https://www.phoenixcontact.com/us/products/1402362>

Classifications

ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

ETIM

ETIM 10.0	EC001855
-----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

SAC-4P-10,0-PVC/M 8FR BK - Sensor/actuator cable



1402362

<https://www.phoenixcontact.com/us/products/1402362>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com