

# SAC-4P-500,0-PVC/SH 0,34 - Sensor/actuator cable



1401477

<https://www.phoenixcontact.com/us/products/1401477>

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, 4-wire, shielded, PVC, black outer cable sheath, 4 x 0.34 mm<sup>2</sup>, length: 500 m

## Commercial data

Item number	1401477
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF1LBA
GTIN	4046356557375
Weight per piece (including packing)	33,500 g
Weight per piece (excluding packing)	33,500 g
Country of origin	DE

# SAC-4P-500,0-PVC/SH 0,34 - Sensor/actuator cable



1401477

<https://www.phoenixcontact.com/us/products/1401477>

## Technical data

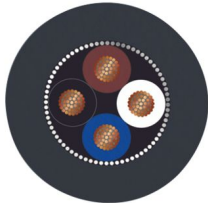
### Product properties

Product type	Cable by the meter
--------------	--------------------

### Cable/line

Cable length	500 m
--------------	-------

### PVC black [PVC]

Dimensional drawing	
Cable weight	52 kg/km
Number of positions	4
Shielded	yes
Cable type	PVC black [PVC]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross-section	4x 0.34 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.4 mm ±0.02 mm
External cable diameter	5.90 mm ±0.2 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
Optical shield covering	85 %
Max. conductor resistance	max. 58 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
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	59 mm

# SAC-4P-500,0-PVC/SH 0,34 - Sensor/actuator cable



1401477

<https://www.phoenixcontact.com/us/products/1401477>

Flame resistance	As per UL-Style 2464
Resistance to oil	in accordance with DIN EN 60811-2-1
Special properties	Free of substances which would hinder coating with paint or varnish
	Silicone-free
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

# SAC-4P-500,0-PVC/SH 0,34 - Sensor/actuator cable



1401477

<https://www.phoenixcontact.com/us/products/1401477>

## Classifications

### ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

# SAC-4P-500,0-PVC/SH 0,34 - Sensor/actuator cable



1401477

<https://www.phoenixcontact.com/us/products/1401477>

## 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](mailto:info@phoenixcon.com)