

SAC-12P-500,0-PVC/0,14 - Sensor/actuator cable



1030518

<https://www.phoenixcontact.com/us/products/1030518>

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, 12-wire, PVC, black, 12 x 0.14 mm², length: 500 m

Commercial data

Item number	1030518
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	AF1LAA
GTIN	4055626533797
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	DE

SAC-12P-500,0-PVC/0,14 - Sensor/actuator cable



1030518

<https://www.phoenixcontact.com/us/products/1030518>

Technical data


Product properties

Product type	Cable by the meter
Number of positions	12
Shielded	no

Cable/line

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

PVC black [PVC]

Dimensional drawing	
Number of positions	12
Shielded	no
Cable type	PVC black [PVC]
Conductor structure signal line	18x 0.10 mm
AWG signal line	26
Conductor cross-section	12x 0.14 mm ² (Signal line)
Wire diameter incl. insulation	1 mm ±0.05 mm (Signal line)
External cable diameter	5.80 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	white, brown, green, yellow, gray, pink, blue, red, black, violet, gray/pink, red/blue
Overall twist	12 wires twisted in layers
Max. conductor resistance	≤ 142 Ω/km (at 20 °C)
Insulation resistance	> 10 MΩ*km
Nominal voltage, cable	250 V
Test voltage Core/Core	1500 V AC
Smallest bending radius, fixed installation	29 mm
Smallest bending radius, movable installation	87 mm
Flame resistance	DIN EN 50265-2-1
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation)

SAC-12P-500,0-PVC/0,14 - Sensor/actuator cable



1030518

<https://www.phoenixcontact.com/us/products/1030518>

Classifications

ECLASS

ECLASS-15.0	27061801
ECLASS-13.0	27061801

ETIM

ETIM 10.0	EC003249
-----------	----------

UNSPSC

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

SAC-12P-500,0-PVC/0,14 - Sensor/actuator cable



1030518

<https://www.phoenixcontact.com/us/products/1030518>

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