

1426414

<https://www.phoenixcontact.com/us/products/1426414>

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, 17-position, PUR halogen-free, black RAL 9005, free cable end, on Socket angled M12 SPEEDCON, coding: A, cable length: 15 m

Commercial data

Item number	1426414
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	AF1CGA
GTIN	4055626459943
Weight per piece (including packing)	1,070 g
Weight per piece (excluding packing)	1,070 g
Country of origin	DE

# SAC-17P-15,0-PUR/FR SCO - Sensor/actuator cable



1426414

<https://www.phoenixcontact.com/us/products/1426414>

## Technical data

### Product properties

Product type	Sensor/actuator cable
Number of positions	17

### Electrical properties

Nominal voltage $U_N$	30 V AC
	30 V DC

### Connector

#### Connection 1

Type	free cable end
------	----------------


#### Connection 2

Type	Socket angled M12 SPEEDCON
Number of positions	17
Locking type	SPEEDCON
Coding type	A

### Cable/line

Cable length	15 m
--------------	------

#### PUR halogen-free black [PUR]

Dimensional drawing	
Number of positions	17
Shielded	no
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	18x 0.10 mm
AWG signal line	26
Conductor cross section	17x 0.14 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1 mm ±0.05 mm (Signal line)
External cable diameter	7.80 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PP

# SAC-17P-15,0-PUR/FR SCO - Sensor/actuator cable



1426414

<https://www.phoenixcontact.com/us/products/1426414>

Single wire, color	white, brown, green, yellow, gray, pink, blue, red, black, violet, gray-pink, red-blue, white-green, brown-green, white-yellow, yellow-brown, white-gray
Overall twist	17 wires twisted in layers
Max. conductor resistance	142 $\Omega$ /km
Smallest bending radius, fixed installation	78 mm
Smallest bending radius, movable installation	39 mm
Dynamic load capacity (bending)	Max. bending cycles: 4000000, Bending radius: 60 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s <sup>2</sup>
Resistance to oil	DIN VDE 0472 Part 803, test type B
Other resistance	Hydrolysis and microbe resistant as per VDE 0282 section 10 partly UV-resistant (in accordance with DIN EN ISO 4892-2-A)
Special properties	Low adhesion surface
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation)

# SAC-17P-15,0-PUR/FR SCO - Sensor/actuator cable



1426414

<https://www.phoenixcontact.com/us/products/1426414>

## Classifications

### ECLASS

ECLASS-13.0	27060311
-------------	----------

### ETIM

ETIM 8.0	EC001855
----------	----------

### UNSPSC

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

# SAC-17P-15,0-PUR/FR SCO - Sensor/actuator cable



1426414

<https://www.phoenixcontact.com/us/products/1426414>

## 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 2025 © - 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)