

SAC-3P- 7,0-500/BI-1L-Z - Sensor/actuator cable



1439052

<https://www.phoenixcontact.com/us/products/1439052>

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, 3-position, PVC, gray RAL 7001, free cable end, on Valve connector BI (11 mm), with 1 LED, Wiring: Z diode, cable length: 7 m

Commercial data

Item number	1439052
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	AF1DDA
GTIN	4046356496780
Weight per piece (including packing)	274.1 g
Weight per piece (excluding packing)	256.4 g
Country of origin	PL

SAC-3P- 7,0-500/BI-1L-Z - Sensor/actuator cable



1439052

<https://www.phoenixcontact.com/us/products/1439052>

Technical data

Product properties

Product type	Sensor/actuator cable with valve connector
Number of positions	3

Electrical properties

Nominal voltage U_N	24 V AC
	24 V DC

Connector

Connection 1

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

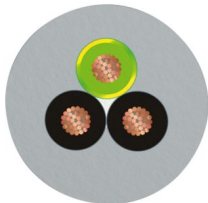
Connection 2

Type	Valve connector BI (11 mm)
Number of positions	3
Protective circuit	Z diode

Cable/line

Cable length	7 m
--------------	-----

PVC gray [500]

Dimensional drawing	
Cable weight	39.2 kg/km
Number of positions	3
Shielded	no
Cable type	PVC gray [500]
Conductor type	Round cable
Conductor structure signal line	16x 0.20 mm
AWG signal line	20
Conductor cross-section	3x 0.5 mm ² (Signal line)
Wire diameter incl. insulation	1.5 mm ±0.05 mm (Signal line)
External cable diameter	4.80 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires

SAC-3P- 7,0-500/BI-1L-Z - Sensor/actuator cable



1439052

<https://www.phoenixcontact.com/us/products/1439052>

Material wire insulation	PVC
Single wire, color	black 1, black 2, green/yellow
Overall twist	Wires twisted in layers
Max. conductor resistance	39 Ω/km (at 20 °C)
Insulation resistance	min. 20 MΩ*km
Nominal voltage, cable	300 V
Test voltage	1200 V
Minimum bending radius, fixed installation	5 x D
Smallest bending radius, fixed installation	24 mm
Flame resistance	DIN EN 50265-2-1
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation)

SAC-3P- 7,0-500/BI-1L-Z - Sensor/actuator cable



1439052

<https://www.phoenixcontact.com/us/products/1439052>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1439052>



EAC-RoHS

Approval ID: RU D-DE.HB35.B.00387



CSAus

Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	24 V	6 A	-	-

SAC-3P- 7,0-500/BI-1L-Z - Sensor/actuator cable



1439052

<https://www.phoenixcontact.com/us/products/1439052>

Classifications

ECLASS

ECLASS-13.0	27060312
ECLASS-15.0	27060312

ETIM

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

UNSPSC

UNSPSC 21.0	31251500
-------------	----------

SAC-3P- 7,0-500/BI-1L-Z - Sensor/actuator cable



1439052

<https://www.phoenixcontact.com/us/products/1439052>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Diboron trioxide(CAS: 1303-86-2)
	Lead monoxide (lead oxide)(CAS: 1317-36-8)

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