

SAC-4P-250,0-93P - Sensor/actuator cable



1401820

<https://www.phoenixcontact.com/us/products/1401820>

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.



By the meter, Sensor/actuator cable, Ethernet CAT5 (100 Mbps), shielded, PVC, water blue RAL 5021, 4-wire (2x2xAWG26/7, SF/UTP), color single wire: white/orange-orange, white/green-green, cable length: 250 m

Commercial data

Item number	1401820
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF1LFA
GTIN	4046356574136
Weight per piece (including packing)	16,057.5 g
Weight per piece (excluding packing)	16,057.5 g
Country of origin	DE

SAC-4P-250,0-93P - Sensor/actuator cable



1401820

<https://www.phoenixcontact.com/us/products/1401820>

Technical data

Product properties

Product type	Cable by the meter
Number of positions	4

Cable/line

Cable length	250 m
--------------	-------

Ethernet [93P]

UL AWM Style	2654 (90 °C / 300 V)
Number of positions	4
Shielded	yes
Cable type	Ethernet [93P]
Conductor structure	2x2xAWG26/7, SF/UTP
Signal runtime	0.4 ns/m
Signal speed	0.6 c
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	2x 2x 0.14 mm ²
Wire diameter incl. insulation	0.98 mm ±0.05 mm
External cable diameter	6.40 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	white/orange-orange, white/green-green
Thickness, outer sheath	≥ 1.00 mm
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	Two pairs with two fillers to the core
Optical shield covering	85 %
Max. conductor resistance	≤ 140 Ω/km
Insulation resistance	> 5 GΩ*km
Wave impedance	100 Ω ±5 % (at 100 MHz)
Working capacitance	< 56 nF
Nominal voltage, cable	≤ 300 V AC ≤ 450 V DC
Test voltage Core/Core	2500 V DC
Smallest bending radius, movable installation	25 mm
Tensile strength	≤ 40 N
Shield attenuation	32.00 dB (up to 100 MHz)
Flame resistance	According to VW-1
Resistance to oil	in accordance with DIN EN 60811-2-1

SAC-4P-250,0-93P - Sensor/actuator cable



1401820

<https://www.phoenixcontact.com/us/products/1401820>

Other resistance	Resistant to cleaning agents/disinfectants (According to ECOLAB F&E/P3-E No. 40-1)
Ambient temperature (operation)	-40 °C ... 90 °C
Ambient temperature (installation)	0 °C ... 50 °C

SAC-4P-250,0-93P - Sensor/actuator cable



1401820

<https://www.phoenixcontact.com/us/products/1401820>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

SAC-4P-250,0-93P - Sensor/actuator cable



1401820
<https://www.phoenixcontact.com/us/products/1401820>

Environmental product compliance

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.)	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