

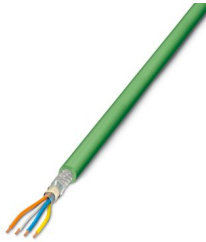
VS-OE-OE-93A-100,0 - Data cable



1416392

<https://www.phoenixcontact.com/us/products/1416392>

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, Data cable, PROFINET CAT5 (100 Mbps), shielded, PVC, green-yellow RAL 6018, 4-wire (1x4xAWG22/1, SF/TQ), color single wire: white, yellow, blue, orange, cable length: 100 m

Commercial data

Item number	1416392
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LFA
GTIN	4046356474313
Weight per piece (including packing)	6,094 g
Weight per piece (excluding packing)	6,094 g
Customs tariff number	85444290
Country of origin	DE

VS-OE-OE-93A-100,0 - Data cable

1416392

<https://www.phoenixcontact.com/us/products/1416392>

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 9.1.1 Balanced Cables (Type A,B,C)
---------	---

Product properties

Product type	Data cable by the meter
Application	Standard
Sensor type	PROFINET
Number of positions	4
Shielded	yes

Electrical properties

Transmission medium	Copper
Transmission speed	100 Mbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)


Interfaces

Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps
----------------------	-------------------------------------

Cable/line

Cable length	100 m
--------------	-------

PROFINET [93A]

Dimensional drawing	
UL AWM Style	21695 (80 °C / 600 V)
Number of positions	4
Shielded	yes
Cable type	PROFINET [93A]
Conductor structure	1x4xAWG22/1, SF/TQ
Conductor structure signal line	1x 0.64 mm
AWG signal line	22
Conductor cross-section	4x 0.34 mm ²
Wire diameter incl. insulation	1.45 mm ±0.15 mm
External cable diameter	6.50 mm ±0.2 mm

VS-OE-OE-93A-100,0 - Data cable



1416392

<https://www.phoenixcontact.com/us/products/1416392>

Outer sheath, material	PVC
External sheath, color	green-yellow RAL 6018
Material wire insulation	PE
Single wire, color	white, yellow, blue, orange
Overall twist	Star quad
Optical shield covering	85 %
Insulation resistance	$\geq 5 \text{ G}\Omega \cdot \text{km}$
Wave impedance	$100 \Omega \pm 15 \Omega$ (at 1 ... 100 MHz)
Nominal voltage, cable	$\leq 600 \text{ V}$
Test voltage Core/Core	2000 V ((50 Hz/1 min))
Test voltage Core/Shield	2000.00 V ((50 Hz/1 min))
Flame resistance	UL 1581, Section 1060 and UL 2556, Section 9.3 (FT1)
	UL 1685 (CSA FT 4)
	UL 1581, Section 1100 and UL 2556, Section 9.1 (HFT/FT2)
Resistance to oil	OIL RES I according to UL 2256
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)

VS-OE-OE-93A-100,0 - Data cable



1416392

<https://www.phoenixcontact.com/us/products/1416392>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

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

UNSPSC

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

VS-OE-OE-93A-100,0 - Data cable



1416392

<https://www.phoenixcontact.com/us/products/1416392>

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	47.076 kg CO2e
---------	----------------

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