

VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable



1404205

<https://www.phoenixcontact.com/in/products/1404205>

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.

Network cable, cable length: 0.5 m, number of positions: 4, CAT5, cable outlet: straight, Ethernet



Commercial Data

Item number	1404205
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABN
Product Key	ABNGAA
GTIN	4046356681490
Weight per Piece (including packing)	57 g
Weight per Piece (excluding packing)	55.5 g
Customs tariff number	85444290
Country of origin	PL

VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable



1404205

<https://www.phoenixcontact.com/in/products/1404205>

Technical Data

Mounting

Mounting type	Screw mounting
---------------	----------------

Product properties

Type	M12
Product type	Data cable preassembled
Number of positions	4
No. of cable outlets	1
Locking type	Screw connection
Shielded	yes
Cable outlet	straight

Material specifications

Flammability rating according to UL 94	V2
Seal material, flat gasket	FKM

Electrical properties

Nominal current I_N	2 A
Transmission medium	Copper

Connector

Connection 1

Degree of protection	IP65/IP67
----------------------	-----------

Cable/line

Cable length	0.50 m
--------------	--------

Ethernet [93E]

Shielded	yes
Cable weight	42 kg/km
Cable type	Ethernet
Cable type (abbreviation)	93E
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Cable structure	2x2xAWG26/7 PIMF
External cable diameter	6.7 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.15 mm
AWG signal line	26
Conductor cross section	2x 2x 0.14 mm ²
Material wire insulation	Cell PE

VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable



1404205

<https://www.phoenixcontact.com/in/products/1404205>

Wire diameter incl. insulation	≤ 1.05 mm
Single wire, color	white/orange-orange, white/green-green
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
Shielding	Tinned copper braided shield
Nominal voltage, cable	max. 125 V
Test voltage, cable	1000 V
Cable resistance	≤ 150 Ω/km
Cable insulation resistance	≥ 5 GΩ*km
Coupling resistance	5.00 mΩ/m (at 10 MHz)
Wave impedance	100 Ω ±5 % (at 100 MHz)
Working capacitance	42 pF
Signal speed	0.72 c
Tensile strength	30 N (for installation) 10 N (in accordance with installation)
Smallest bending radius, movable installation	34 mm
Shield attenuation	60 dB (up to 1000 MHz)
Halogen-free	complying with IEC 60754-1/2
Resistance to oil	in accordance with DIN EN 60811-2-1
Concentration of fumes	in accordance with IEC 61034-1/2
Flame resistance	complying with IEC 60332-2-2
Other resistance	Microbe resistance as per VDE 0282 section 10 Hydrolysis resistance as per DIN 53504
Special properties	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-10 °C ... 50 °C (Cable, flexible installation) -40 °C ... 70 °C (cable, fixed installation)

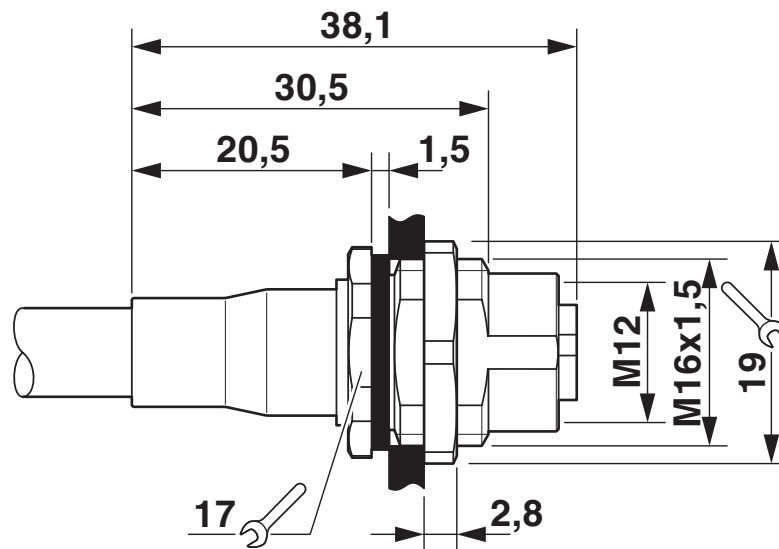
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -20 °C ... 80 °C (Cable, flexible installation)
---------------------------------	---

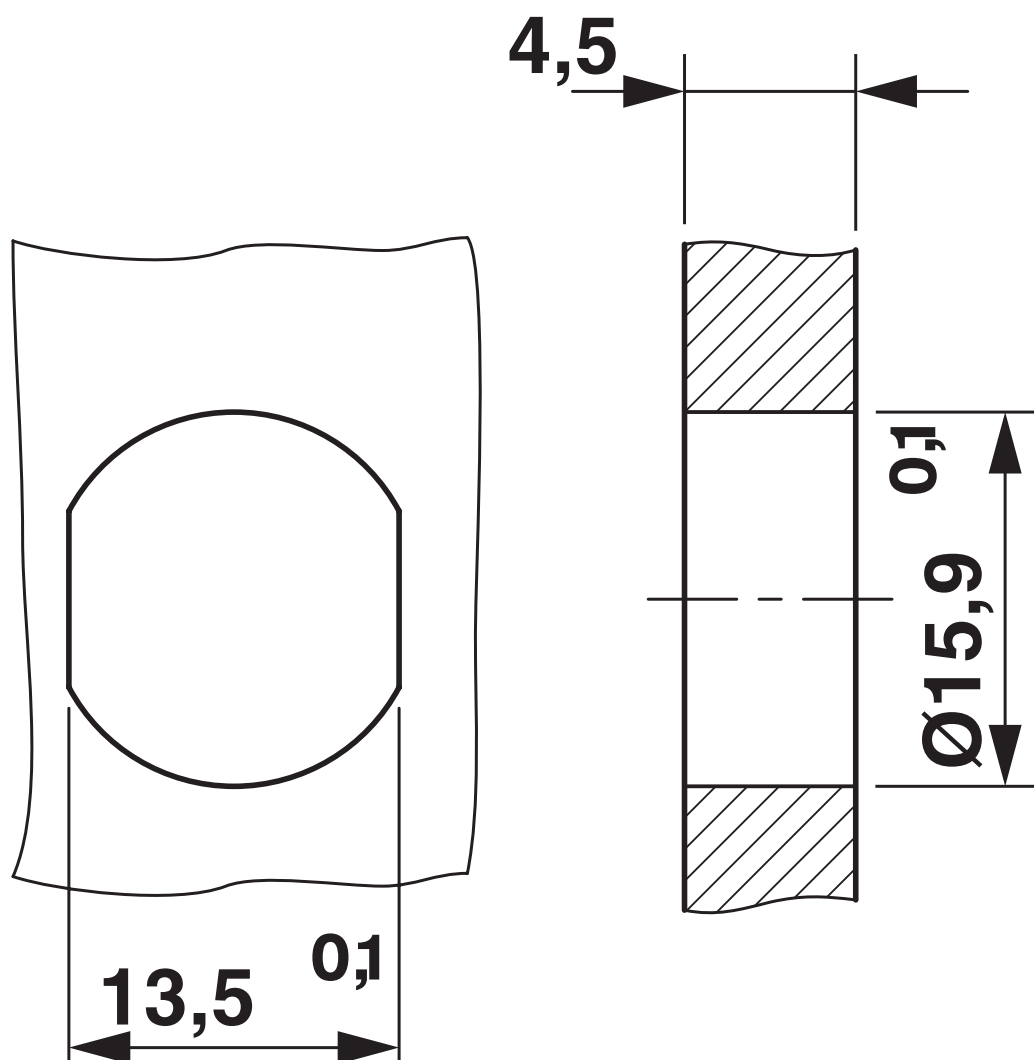
Drawings

Dimensional drawing



M12 flush-type connector

Dimensional drawing



Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

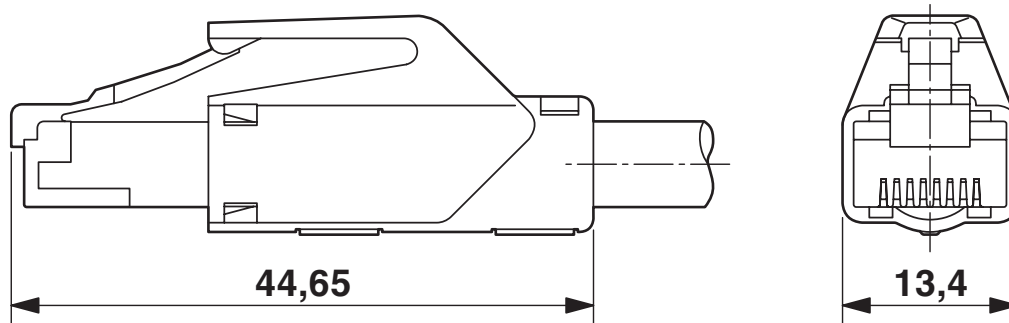
VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable

1404205

<https://www.phoenixcontact.com/in/products/1404205>



Dimensional drawing



VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable

1404205

<https://www.phoenixcontact.com/in/products/1404205>



Approvals



EAC

Approval ID: 19060508

VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable



1404205

<https://www.phoenixcontact.com/in/products/1404205>

Classifications

ECLASS

ECLASS-10.0.1	27060308
ECLASS-11.0	27060308
ECLASS-12.0	27060308
ECLASS-13.0	27060308

ETIM

ETIM 8.0	EC002599
----------	----------

UNSPSC

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

VS-M12FSBPS-IP20-93E-LI/0,5 - Network cable



1404205

<https://www.phoenixcontact.com/in/products/1404205>

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in