

Network cable - VS-M12FSBP-IP20-94B-LI/5,0



1412082

<https://www.phoenixcontact.com/gb/products/1412082>

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Assembled Ethernet cable, shielded, 4-pair, AWG 26 stranded (7-wire), RAL 5021 (sea blue), M12 flush-type socket, rear/screw mounting with M16 thread to RJ45 connector/IP20, line, length 5 m

Commercial Data

Item number	1412082
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABNGAA
Product Key	ABNGAA
Catalog Page	Page 401 (C-2-2019)
GTIN	4046356475471
Weight per Piece (including packing)	275 g
Weight per Piece (excluding packing)	255 g
Customs tariff number	85444210
Country of origin	DE

Technical Data

Product properties

Product type	Data cable preassembled
Number of positions	8
No. of cable outlets	1
Shielded	yes
Cable outlet	straight

Insulation characteristics

Degree of pollution	3
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Electrical properties

Transmission medium	Copper
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Material specifications

Flammability rating according to UL 94	V2
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Connector

Insertion/withdrawal cycles	≥ 100
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Cable / line

Cable length	5.00 m
Cable weight	44.00 kg/km
Cable type	Ethernet
Cable structure	4x2xAWG26/7; S/FTP
External cable diameter	6.40 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Wire diameter incl. insulation	1 mm
Single wire, color	White-blue, white-orange, white-green, white-brown
Wave impedance	100 Ω ±5 % (at 100 MHz)
Smallest bending radius, fixed installation	min. 32 mm
Smallest bending radius, movable installation	min. 32 mm (Cable, flexible installation)
Smallest bending radius, fixed installation	min. 32 mm
Smallest bending radius, movable installation	min. 32 mm (Cable, flexible installation)
Ambient temperature (operation)	-25 °C ... 80 °C (Cable, flexible installation)

Ambient conditions

Ambient temperature (operation)	Plug / socket -40 °C ... 80 °C (without mechanical actuation)
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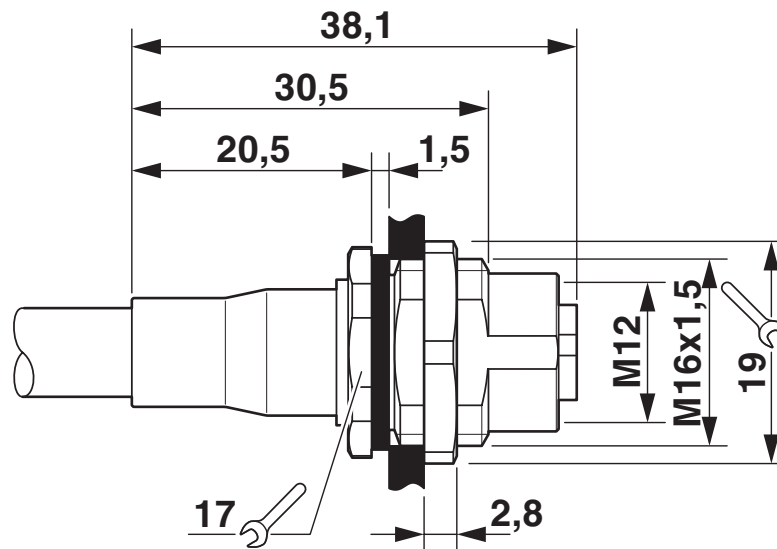
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-25 °C ... 80 °C (Cable, flexible installation)

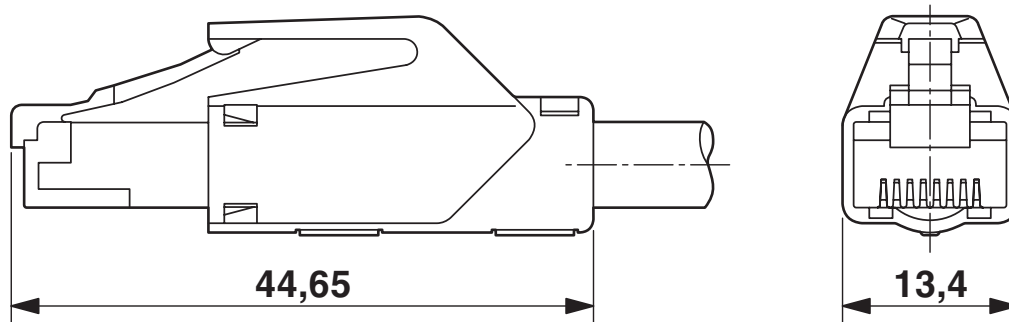
Drawings

Dimensional drawing



M12 flush-type connector

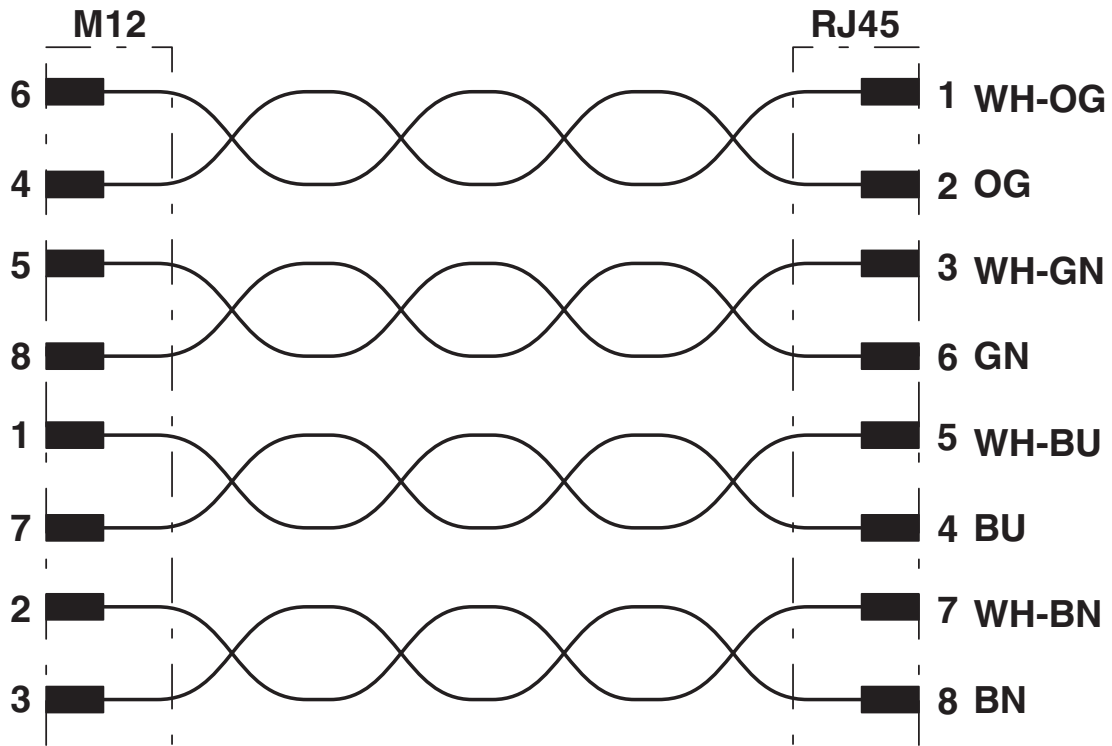
Dimensional drawing



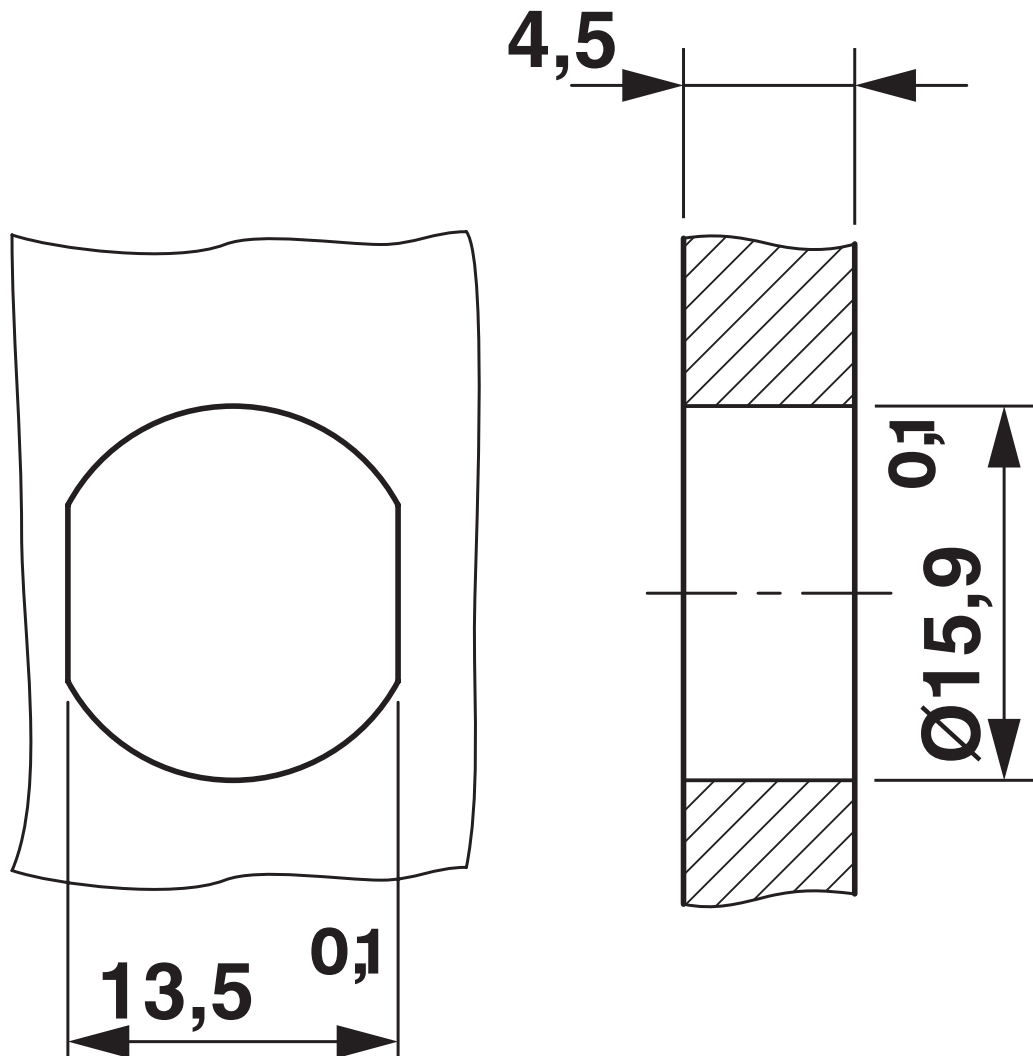
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Circuit diagram



Dimensional drawing



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

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Approvals



EAC

Approval ID: 19060508

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Classifications

ECLASS

ECLASS-9.0	27060308
ECLASS-10.0.1	27060308
ECLASS-11.0	27060308

ETIM

ETIM 8.0	EC002599
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UNSPSC

UNSPSC 21.0	26121600
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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"

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