

Network cable - NBC-M12FSBP/3,0-93E/R4AC - 1412330

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Network cable, Ethernet CAT5, 4-position, PUR, water blue RAL 5021, Flush-type socket straight M12 SPEEDCON / IP20, on Plug straight RJ45 / IP20, Cable length: 3 m



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	160.0 g
Custom tariff number	85444290
Country of origin	Poland

Technical data

Dimensions

Length of cable	3 m
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General data

Number of positions	4
Signal type/category	Ethernet CAT5 (IEC 11801:2002)

Characteristics head 1

Head type	Flush-type socket straight M12 SPEEDCON / IP20
No. of positions (pin connector pattern)	4

Characteristics head 2

Head type	Plug straight RJ45 / IP20
No. of positions (pin connector pattern)	4

Cable

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Technical data

Cable

Cable type	Ethernet
Cable type (abbreviation)	93E
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Cable structure	2x2xAWG26/7 PIMF
Conductor cross section	2x 2x 0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.15 mm
Core diameter including insulation	≤ 1.05 mm
Wire colors	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
External sheath, color	water blue RAL 5021
External cable diameter D	6.7 mm
Smallest bending radius, movable installation	34 mm
Tensile strength short-term/long-term	30N bei Installation / 10N nach Installation
Cable weight	42 kg/km
Outer sheath, material	PUR
Material conductor insulation	Cell PE
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 150 Ω/km
Working capacitance	42 pF
Wave impedance	100 Ω ±5 % (at 100 MHz)
Signal speed	0.72 c
Shield attenuation	60 dB (Up to 1000 MHz)
Coupling resistance	5.00 mΩ/m (At 10 MHz)
Nominal voltage, cable	max. 125 V
Test voltage, cable	1000 V
Special properties	Free of substances which would hinder coating with paint or varnish
Flame resistance	complying with IEC 60332-2-2
Halogen-free	complying with IEC 60754-1/2
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Microbe resistance as per VDE 0282 section 10
	Hydrolysis resistance as per DIN 53504
Concentration of fumes	in accordance with IEC 61034-1/2

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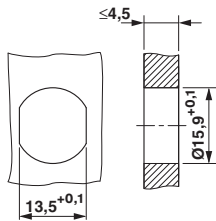
Technical data

Cable

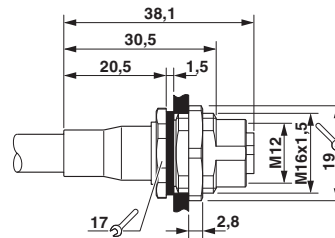
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (cable, flexible installation)

Drawings

Dimensional drawing

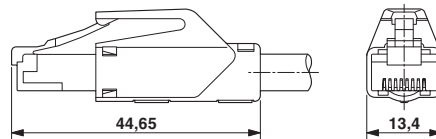


Dimensional drawing



Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation) M12 flush-type connector

Dimensional drawing



Classifications

eCl@ss

eCl@ss 5.1	27259205
eCl@ss 6.0	27269202
eCl@ss 8.0	27060308
eCl@ss 9.0	27060308

ETIM

ETIM 4.0	EC000830
ETIM 5.0	EC002599

Approvals

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC
