连接器网一一汇勤电子旗下网站，一站解决电气信号连接问题 http://www.ljqw.top/ TEL:400-022-7728

Network cable - VS-BU/PN-PPC/ME-93B-LI/2,0 - 1416176

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's documentation. Our General Terms of Use for Downloads are valid
(http://phoenixcontact.com/download)

Assembled PROFINET cable, CAT5e, shielded, star quad, AWG 22 stranded (7-wire), RAL 6018 (yellow-green), RJ45 socket module/IP20 for Freenet system, 4-pos. on RJ45 plug/IP67, push-pull metal housing, line, length: 2 m

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 474290
GTIN	4046356474290
Custom tariff number	8536909000
Sales Key	ABNAEG

Technical data

Dimensions

Length of cable	2 m

Ambient conditions

Degree of protection	IP20
	IP67

General data

Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801:2002)
Overvoltage category	I
Degree of pollution	2
	2
Alternative short product description	PROFINET cable

Characteristics head 1

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

连接器网一一汇勤电子旗下网站，一站解决电气信号连接问题 http://www.ljqw.top/ TEL:400-022-7728

Network cable - VS-BU/PN-PPC/ME-93B-LI/2,0 - 1416176

Technical data

Characteristics head 2

Head type	Plug straight RJ45 Push Pull / IP67
No. of positions (pin connector pattern)	4
Material (component)	Metal

Standards and Regulations

Flammability rating according to UL 94	V0

Cable

Cable type	PROFINET PVC stranded CAT5
Cable type (abbreviation)	93B
UL AWM style	21694
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps
Cable structure	1x4xAWG22/7; SF/TQ
Conductor cross section	4x 0.34 mm²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.55 mm
Wire colors	White, yellow, blue, orange
Overall twist	Star quad
Shielding	Aluminum-coated foil, tinned copper braided shield
Optical shield covering	85 %
External sheath, color	green RAL 6018
Outer sheath thickness	approx. 0.9 mm
External cable diameter D	6.5 mm ±0.2 mm
Minimum bending radius, fixed installation	3 x D
Minimum bending radius, flexible installation	7 x D
Cable weight	67 kg/km
Outer sheath, material	PVC
Material, inner sheath	PVC
Material conductor insulation	PE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 500 MΩ*km
Loop resistance	≤ 120 Ω (per km)
Wave impedance	100 Ω ±15 Ω (at 100 MHz)
Signal speed	0.66 c
Signal runtime	5.3 ns/m
Coupling resistance	≤ 20.00 mΩ/m (At 10 MHz)
Nominal voltage, cable	600 V
Test voltage Core/Core	2000 V (50 Hz, 1 min.)
Test voltage Core/Shield	2000 V (50 Hz, 1 min.)
Flame resistance	According to UL 1685 (CSA FT 4)
Resistance to oil	Resistant to oil to a limited extent

Network cable - VS-BU/PN-PPC/ME-93B-LI/2,0 - 1416176

Technical data

Cable

Other resistance	UV resistant According to UL 1581, Section 1200
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-40 °C ... 70 °C (cable, flexible installation)
Ambient temperature (installation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-50 °C ... 70 °C

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.00767

Phoenix Contact 2017 © - all rights reserved
http://www.phoenixcontact.com