

Network cable - VS-OE-OE-93A-100,0 - 1416392

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Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green-yellow RAL 6018, shielded, free cable end, on free cable end, Cable length: 100 m



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	100 m
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General data

Note	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)
Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps

Cable

Cable type	PROFINET
Cable type (abbreviation)	93A
UL AWM style	2464 (80°C/300 V)
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps
Cable structure	1x4xAWG22/1; SF/TQ
Conductor cross section	4x 0.34 mm ²
AWG signal line	22
Conductor structure signal line	1x 0.65 mm
Core diameter including insulation	1.5 mm ±0.05 mm

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Technical data

Cable

Wire colors	White, yellow, blue, orange
Overall twist	Star quad
Shielding	SF/TQ
Optical shield covering	90 %
External sheath, color	green-yellow RAL 6018
External cable diameter D	6.5 mm ±0.2 mm
Outer sheath, material	PVC
Material conductor insulation	PE
Conductor material	Tin-plated Cu wire
Conductor resistance	≤ 57.1 Ω/km
Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)
Signal speed	0.68 c
Signal runtime	5.3 ns/m
Coupling resistance	< 10.00 mΩ/m (At 10 MHz)
Nominal voltage, cable	300 V
Test voltage Core/Core	2500 V DC
Test voltage Core/Shield	2500 V DC
Flame resistance	According to VW-1
Resistance to oil	According to IEC 60811-2-1
Ambient temperature (operation)	-25 °C ... 80 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

Classifications

eCl@ss

eCl@ss 4.0	27060307
eCl@ss 4.1	27060307
eCl@ss 5.0	27060307
eCl@ss 5.1	27060307
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801
eCl@ss 9.0	27061801

ETIM

ETIM 3.0	EC000830
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Classifications

ETIM

ETIM 4.0	EC000830
ETIM 5.0	EC000830

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Accessories

Accessories

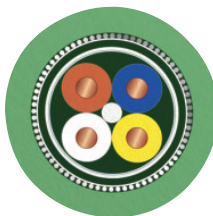
Tool - VS-CABLE-STRIP-VARIO - 1657407



Stripping tool, for the multi-level stripping of shielded cables

Drawings

Cable cross section



PROFINET [93A]

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