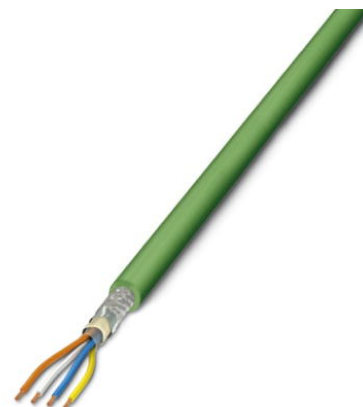


VS-PN-CABLE-933-B/100

Order No.: 1657384



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1657384>

PROFINET cable type B, CAT5e-SF/Q cable, 1 x 4 x 22 AWG, stranded (7-wire), shielded, outer sheath: PVC, outside diameter 6.5 mm, RAL 6018 (yellow-green), cable ring: 100 m



Commercial data	
GTIN (EAN)	4046356101653
Note	Made-to-order
sales group	D515
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	6.789 KG
Catalog page information	Page 204 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
01/01/2008



<http://www.download.phoenixcontact.com>
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Technical data

Mechanical characteristics	
Number of positions	4
Shielded	Yes
Cable diameter	6.50 mm
Cable structure	1x4xAWG22/7; SF/Q

Smallest bending radius, fixed installation	55 mm (cable, fixed installation)
Smallest bending radius, movable installation	55 mm (cable, flexible installation)
Length of cable	100 m
Ambient temperature (operation)	-40 °C ... 70 °C (cable, flexible installation)
Ambient temperature (assembly)	-5 °C ... 50 °C (for installation)

Material data

Outer sheath, material	PVC
External sheath, color	green-yellow RAL 6018

Electrical characteristics

Rated voltage (III/3)	125 V
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

Line characteristics

Cable type	PROFINET
Cable structure	1x4xAWG22/7; SF/Q
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	Approx. 1.5 mm
Thickness, insulation	Approx. 0.9 mm (Outer cable sheath)
External cable diameter	6.50 mm
Wire colors	White, yellow, blue, orange
External sheath, color	Green RAL 6018
Insulation resistance	min. 0.5 GΩ*km
Conductor resistance	≤ 120 Ω/km
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Working capacitance	52 pF
Wave impedance	100 Ω ± 15 Ω (At 1- 100 MHz)
Signal runtime	5.3 ns/m
Coupling resistance	max. 20.00 mΩ/m
Test voltage Core/Core	2000 V
Test voltage Core/Shield	2000 V
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	Star quad
Shielding	Braided shielding made of tin-plated copper wires

Outer sheath, material	PVC
Material, inner sheath	PVC
Material conductor insulation	PE
Conductor material	Tin-plated Cu litz wires
Cable weight	67 kg/km
Smallest bending radius, fixed installation	min. 19.5 mm (cable, fixed installation)
Smallest bending radius, movable installation	min. 45.5 mm
Flame resistance	IEC 60332-1

Accessories

Item	Designation	Description
Tools		
1657407	VS-CABLE-STRIP-VARIO	Stripping tool, for the multi-level stripping of shielded cables

Address

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