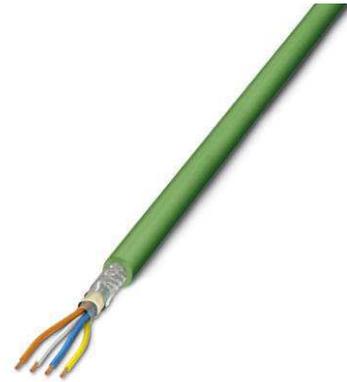


VS-PN-CABLE-934-C/100

This product has been replaced by a newer version.

Order No.: 1657397



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1657397>

PROFINET cable type C, CAT5e-SF/Q cable, 1 x 4 x 22 AWG, highly stranded (7-wire), shielded, outer sheath: PUR, outside diameter 6.7 mm, RAL 6018 (yellow-green), cable ring: 100 m



Commercial data

GTIN (EAN)	 4 046356 098465
Note	Made-to-order
sales group	D515
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 204 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
03/08/2006



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Mechanical characteristics

Number of positions	4
Shielded	Yes
Cable diameter	6.70 mm

Cable structure	1x4xAWG22/7; SF/Q
Duty cycle testing	Flexible cable conduit capable
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	PUR
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	Tinned copper braided shield
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Tin-plated Cu litz wires
Cable weight	61 kg/km
Smallest bending radius, fixed installation	33 mm
Smallest bending radius, movable installation	50 mm
Max. bending cycles	3000000
Bending radius	200 mm
Traversing rate	4 m/s
Acceleration	4 m/s ²
Flame resistance	IEC 60332-1-2
Halogen-free	The cable is halogen-free
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	UV resistant

Accessories

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

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2011 Phoenix Contact
Technical modifications reserved;