



Extract from the online catalog

VS-P1207-P1209-C934/ 5,0

Order No.: 1608634



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1608634>

Assembled PROFINET cable, type C, CAT5e, shielded, star quad, AWG 22 highly stranded (7-wire), RAL 6018 (yellow-green), RJ45/IP67 push-pull metal housing on RJ45/IP20, length: 5 m



Commercial data	
EAN	4046356161213
Note	Made-to-order
sales group	D514
Pack	1 pcs.
Customs tariff	85444210
Weight/Piece	0.40896 KG
Catalog page information	Page 209 (PC-2007)

Product notes

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



<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
Insertion/withdrawal cycles	≥ 500
Cable diameter	6.70 mm

VS-P1207-P1209-C934/ 5,0 Order No.: 1608634
http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1608634

Cable structure	1x4xAWG22/7; SF-UTP
Duty cycle testing	Flexible cable conduit capable
Smallest bending radius, fixed installation	54 mm
Smallest bending radius, movable installation	54 mm
Length of cable	5 m
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 50 °C (cable, flexible installation)
	(plug/socket)

Material data

Housing material	Zinc die-cast/PA
Contact carrier material	PC
Contact material	CuSn6
Contact surface material	1.2 µm gold over 1.2 µm nickel
Material, O-ring	NBR
Cable seal material	TPE
Material, housing intermediate seal	NBR
Outer sheath, material	PUR
External sheath, color	green-yellow RAL 6018
Degree of protection	IP65/67

Electrical characteristics

Rated voltage (III/3)	50 V
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

Line characteristics

Cable type	PROFINET
Cable structure	1x4xAWG22/19; 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

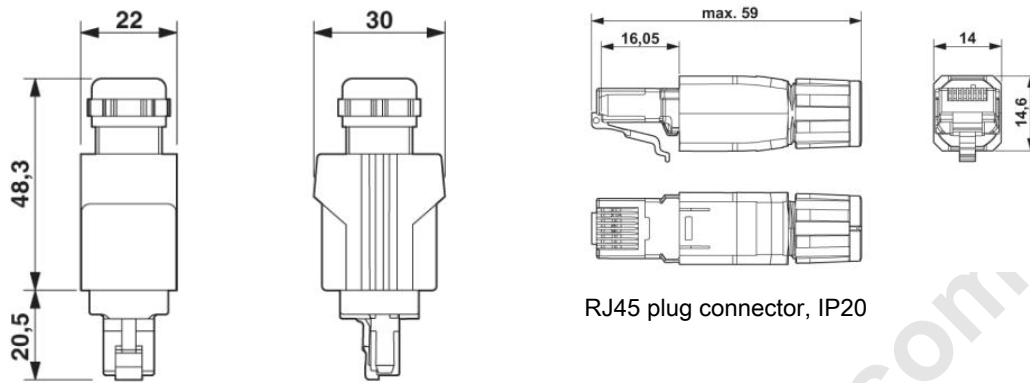
VS-P1207-P1209-C934/ 5,0 Order No.: 1608634
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1608634>

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	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
Freedom from halogen	The cable is halogen-free
Resistance to oil	complying with DIN EN 60811-2-1
Other resistance	UV resistant

VS-P1207-P1209-C934/ 5,0 Order No.: 1608634
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1608634>

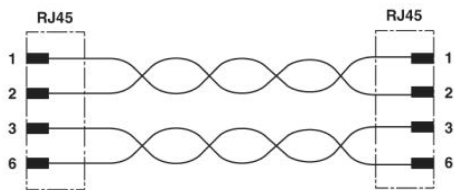
Diagrams/Drawings

Dimensioned drawing



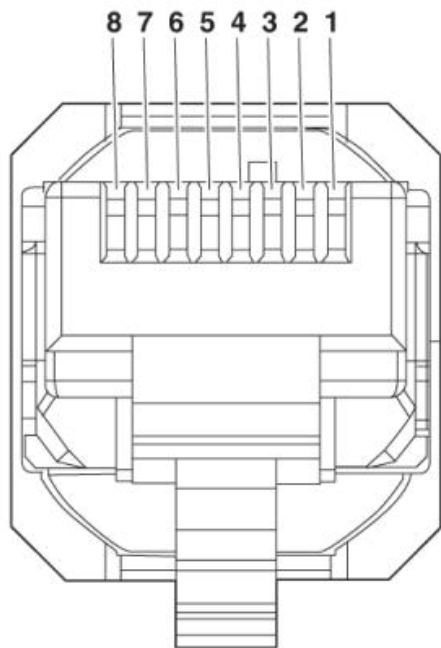
RJ45 Push-Pull connector, IP67

Circuit diagram

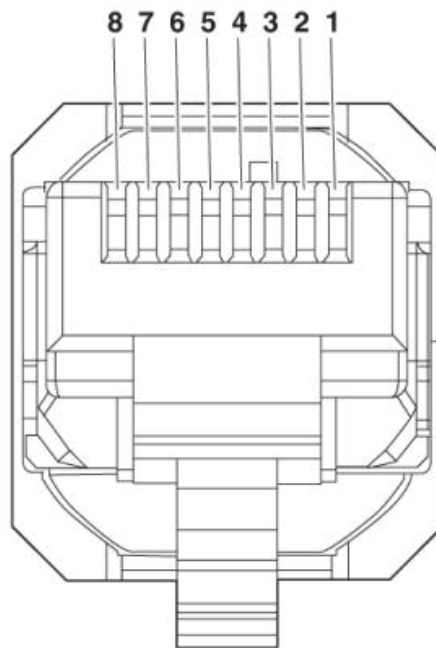


VS-P1207-P1209-C934/ 5,0 Order No.: 1608634
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1608634>

Schematic diagram



Connector pin assignment plug RJ45



Connector pin assignment plug RJ45

onlinecomponents.com

VS-P1207-P1209-C934/ 5,0 Order No.: 1608634
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1608634>

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2010 Phoenix Contact
Technical modifications reserved;

onlinecomponents.com