

Connector component - VS-08-LI-C25-51-0,5-VW - 1405073


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Connector component, number of positions: 8



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 302890
GTIN	4046356302890

Technical data

Mechanical characteristics

Number of positions	8
Shielded	yes
Cable diameter	6.10 mm
Cable structure	4x2xAWG26/7; S-UTP

Ambient conditions

Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 60 °C (cable, flexible installation)
	Plug / socket

Material data

Outer sheath, material	PUR
External sheath, color	water blue RAL 5021

Line characteristics

Cable type	Ethernet
Cable structure	4x2xAWG26/7; S-UTP
Conductor cross section	0.14 mm ²

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Technical data

Line characteristics

AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1 mm
External cable diameter	6.10 mm
Wire colors	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
External sheath, color	water blue RAL 5021
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 284 Ω/km
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Working capacitance	48 nF (At 800 Hz)
Wave impedance	100 Ω ±15 % (at 1 ... 100 MHz)
Nominal voltage, cable	125 V
Test voltage Core/Core	1000 V
Test voltage Core/Shield	500 V
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Shielding	Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering	85 %
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Smallest bending radius, fixed installation	50 mm (cable, fixed installation)
Smallest bending radius, movable installation	95 mm (cable, flexible installation)
Ambient temperature (operation)	-20 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 60 °C (cable, flexible installation)

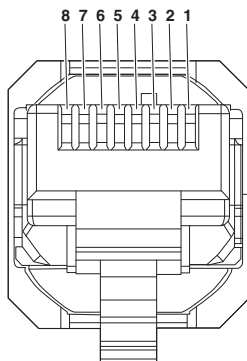
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

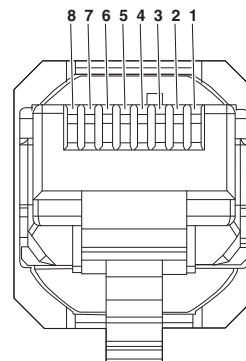
Drawings

Connector component - VS-08-LI-C25-51-0,5-VW - 1405073

Schematic diagram



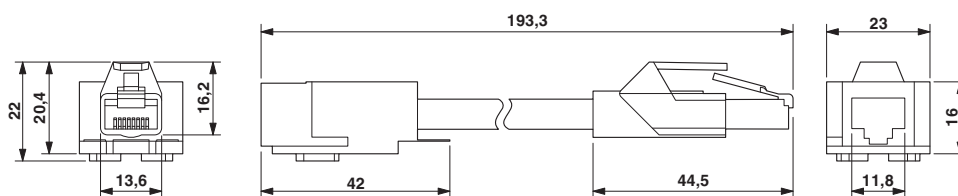
Schematic diagram



Connector pin assignment plug RJ45

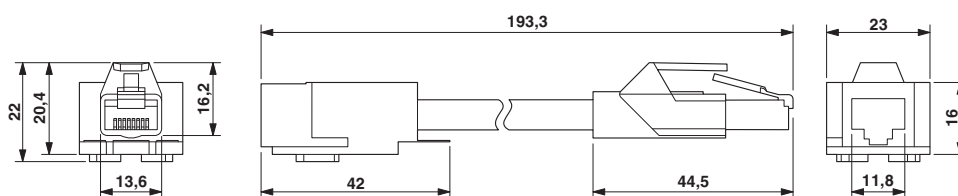
Connector pin assignment plug RJ45

Dimensional drawing



RJ45 connector, IP20

Dimensional drawing



RJ45 connector, IP20

Approvals

Approvals

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EAC

Ex Approvals

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Approvals

Approval details

EAC		B.00767
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