

VS-FSBPYS-OE-94H/0,5 SCO

Order No.: 1407504

M12 panel feed-through, rear mounting



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1407504>

Hybrid flush-type socket, Ethernet, 8-pos., M12-SPEEDCON, rear/screw mounting with M16 thread, 360° shield connection with connected shielded hybrid cable


Ethernet



Product notes

WEEE/RoHS-compliant since:
07/02/2012



Commercial data	
EAN	4  046356 807876
sales group	D117
Pack	1 Pcs.
Customs tariff	85444290
Gross weight in pieces	0.0744 KG
Net weight per piece	0.0744 KG
Catalog page information	Page 93 (C-2-2013)

<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	
Dimensions	
Length of cable	0.5 m
Ambient conditions	
Ambient temperature (operation)	-25 °C ... 85 °C
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	6 A (Power)
	0.5 A (Data)
Rated voltage	30 V (Power and data)
	30 V (Power)
Number of positions	8
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	Y - hybrid
Surge voltage category	III
Pollution degree	3
Insertion/withdrawal cycles	≥ 100
Torque	2 Nm ... 3 Nm
Mounting type	Rear mounting M16 x 1.5

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Material	Zinc die-cast (nickel-plated)
Sealing material	FKM

Cable

Cable type	Ethernet hybrid
Cable structure	2x2xAWG26+1x4xAWG20
Conductor cross section	0.15 mm ²
	0.6 mm ²
AWG signal line	26
AWG power supply	20
Conductor structure signal line	4x 1.05 mm
Conductor structure, voltage supply	4x 1.40 mm

Core diameter including insulation	1.05 mm
Wire colors	Ethernet: white/orange-orange, white/green-green Power: white, blue, brown, black
External sheath, color	Black RAL 9005
External cable diameter	7.60 mm
Smallest bending radius, movable installation	min. 110 mm
Outer sheath, material	PUR mixture halogen-free
Conductor material	Bare Cu litz wires
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Wave impedance	100 Ω ±15 Ω (At an ambient temperature of 20°C)
Test voltage Core/Core	1.5 kV AC (Core - core)
Test voltage Core/Shield	1.5 kV AC (core-shield)
Ambient temperature (operation)	-40 °C ... 90 °C (fixed routing) -30 °C ... 70 °C (Flexibly installed)

Certificates / Approvals

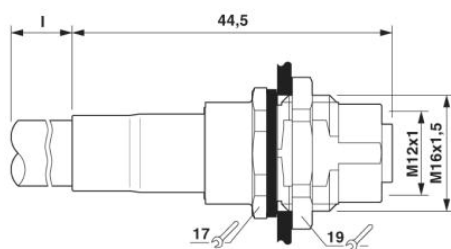
Certification

Certifications applied for:

Certification Ex:

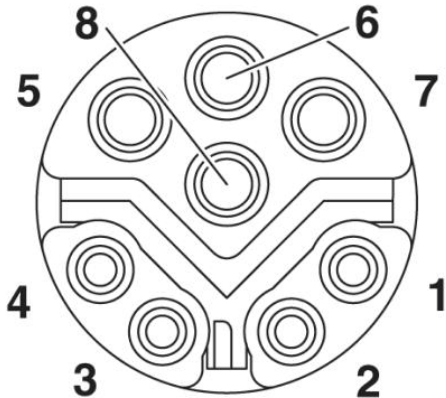
Drawings

Dimensioned drawing



M12 flush-type socket, rear mounting, M16 fastening thread

Schematic diagram



Pin assignment M12 socket, 8-pos.

Address

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



© 2014 Phoenix Contact
Technical modifications reserved;