

Hybrid cable - VS-M12MS-M12MS-94H-HYB/1,0 SCO - 1402426

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Assembled Ethernet cable, CAT5e, shielded, 8-wire, 4 x 26 AWG (data) and 4 x 20 AWG (power), RAL 9005 (black), M12 hybrid plug to M12 hybrid plug, length: 1.0 m



Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 323 (PC-2011)
GTIN	 4 046356 615921
Custom tariff number	85444210
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	6 A (Power)
Rated current at 40°C	0.5 A (Data)
Rated voltage	30 V (Power and data)
Number of positions	8
Length of cable	1 m

General characteristics

Coding	Y - hybrid
Pollution degree	2
Degree of protection	IP67/IP69K
Material, knurls	Zinc die-cast, nickel-plated
Status display	No

Conductor data

Cable type	Ethernet hybrid
Cable type (abbreviation)	94H
Cable structure	1x4xAWG26+1x4xAWG20
Conductor cross section	4x 0.15 mm ² (Signal)

Hybrid cable - VS-M12MS-M12MS-94H-HYB/1,0 SCO - 1402426

Technical data

Conductor data

Conductor cross section	4x 0.6 mm ² (Power)
AWG signal line	26
AWG power supply	20
Conductor structure signal line	19x 0.10 mm
Conductor structure, voltage supply	19x 0.20 mm
Core diameter including insulation	1.15 mm (Signal)
Core diameter including insulation	1.4 mm (Power)
Wire colors	White/orange-orange, white/green-green, white, blue, brown, black
External sheath, color	Black RAL 9005
External cable diameter D	7.6 mm
Smallest bending radius, movable installation	min. 76 mm
Outer sheath, material	PUR mixture halogen-free
Conductor material	Bare Cu litz wires
Wave impedance	100 Ω ± 15 Ω (At an ambient temperature of 20°C)

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27259205
eCl@ss 6.0	27269202
eCl@ss 7.0	27449203

etim

ETIM 4.0	EC002599
----------	----------

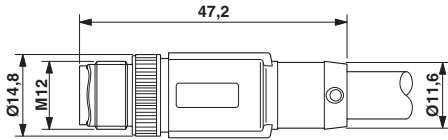
unspsc

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Drawings

Hybrid cable - VS-M12MS-M12MS-94H-HYB/1,0 SCO - 1402426

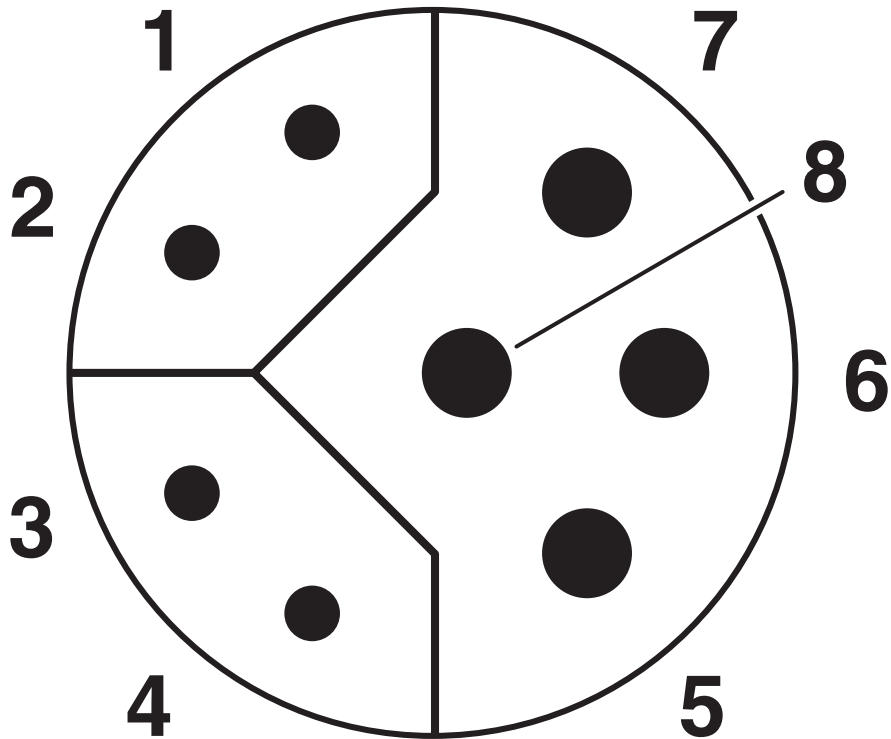
Dimensioned drawing



M12 connector, straight, shielded

Hybrid cable - VS-M12MS-M12MS-94H-HYB/1,0 SCO - 1402426

Schematic diagram



Hybrid cable - VS-M12MS-M12MS-94H-HYB/1,0 SCO - 1402426

Circuit diagram

