

## Hybrid cable - VS-M12MS-94H-HYB/10,0 SCO - 1402445

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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 free cable end, length: 10.0 m



### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 0   |
| Minimum order quantity | 1   |
| Catalog page           | Page 323 (PC-2011)  |
| GTIN                   | <br>4 046356 616027 |
| 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       | 10 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 <sup>2</sup> (Signal) |

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## Technical data

### Conductor data

|   |   |
|---|---|
| Conductor cross section                       | 4x 0.6 mm <sup>2</sup> (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 |
|----------|----------|

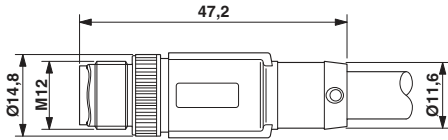
### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121616 |
| UNSPSC 7.0901 | 26121616 |
| UNSPSC 11     | 26121604 |
| UNSPSC 12.01  | 26121616 |
| UNSPSC 13.2   | 26121616 |

## Drawings

## Hybrid cable - VS-M12MS-94H-HYB/10,0 SCO - 1402445

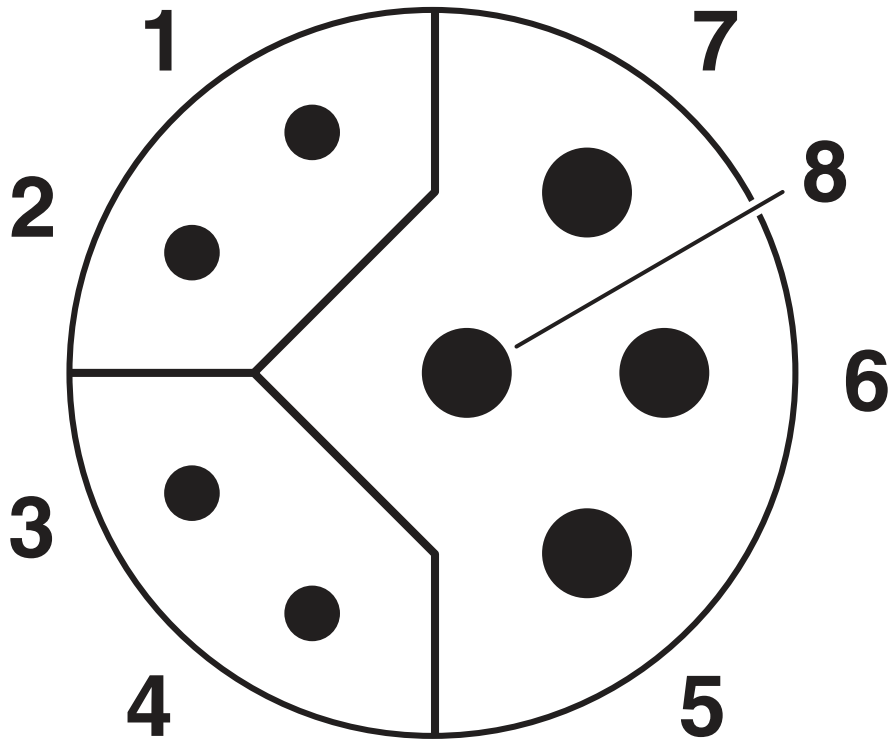
Dimensioned drawing



M12 connector, straight, shielded

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Schematic diagram



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Circuit diagram

