

Network cable - VS-M8MS-IP20/93B-2,0 - 1402454

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Assembled ETHERNET cable, type B, shielded, star quad, AWG 22 stranded (7-wire), RAL 6018 (yellow-green), M8 Ethernet plug to RJ45 plug/IP20, length: 2.0 m, suitable for PROFINET and EtherCAT

Ethernet

Key commercial data

package_quantity	1
GTIN	4046356616119

Technical data

Dimensions

Length of cable	2 m
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Ambient conditions

Degree of protection	IP20 (RJ45 connector)
Degree of protection	IP67 (M12 connector)

General

Number of positions	4
Pollution degree	3

Cable

Cable type	PROFINET
Cable structure	1x4xAWG22/7; SF/TQ
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.55 mm
Wire colors	White, yellow, blue, orange
External sheath, color	Green RAL 6018
External cable diameter	6.50 mm
Smallest bending radius, fixed installation	min. 19.5 mm (cable, fixed installation)
Smallest bending radius, movable installation	min. 45.5 mm (cable, flexible installation)
Cable weight	67 kg/km
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires

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Technical data

Cable

Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Wave impedance	100 Ω ± 15 Ω (At 1- 100 MHz)

classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27060307
eCl@ss 6.0	27060390
eCl@ss 7.0	27060390
eCl@ss 8.0	27060390

ETIM

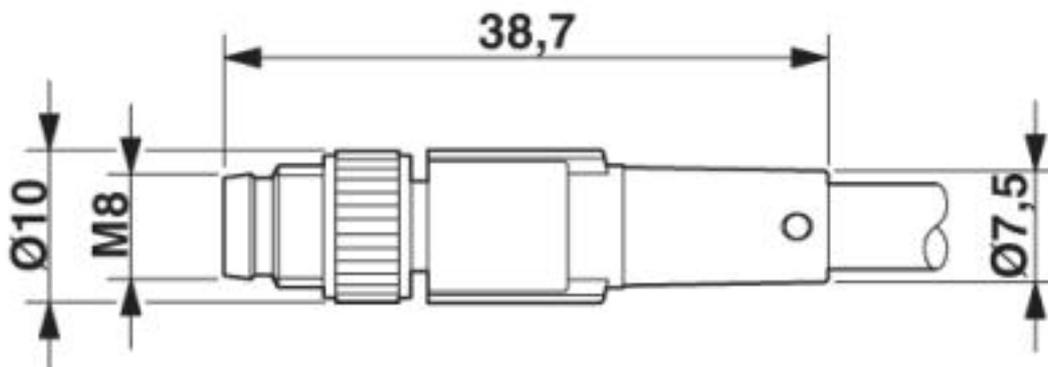
ETIM 4.0	EC002599
ETIM 5.0	EC000830

UNSPSC

UNSPSC 6.01	26121609
UNSPSC 7.0901	26121609
UNSPSC 11	26121609
UNSPSC 12.01	26121609
UNSPSC 13.2	26121609

Drawings

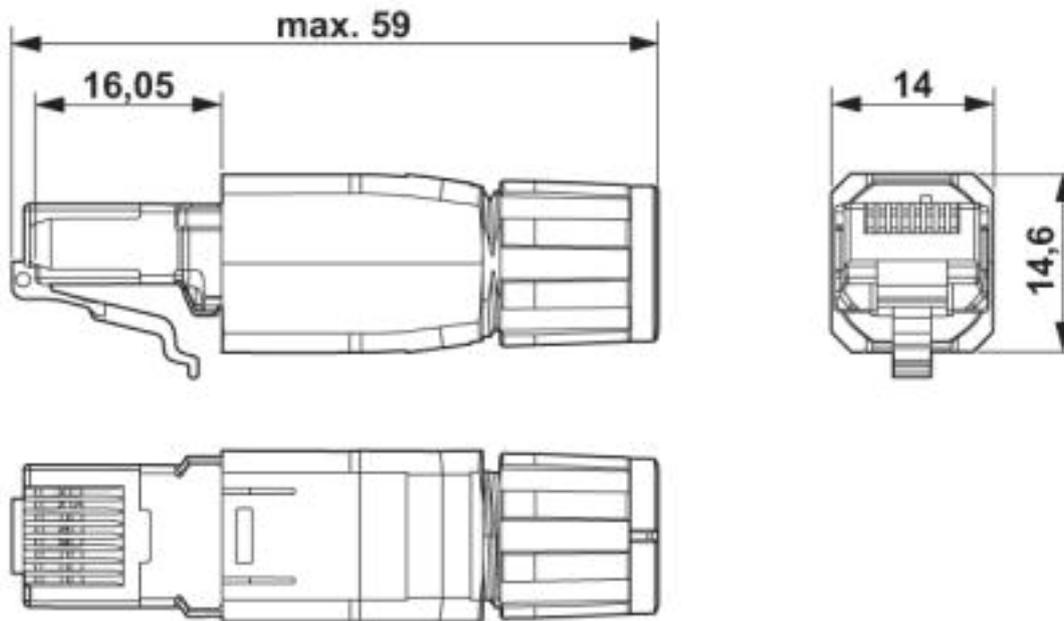
Dimensioned drawing



M8 x 1 male plug, straight version

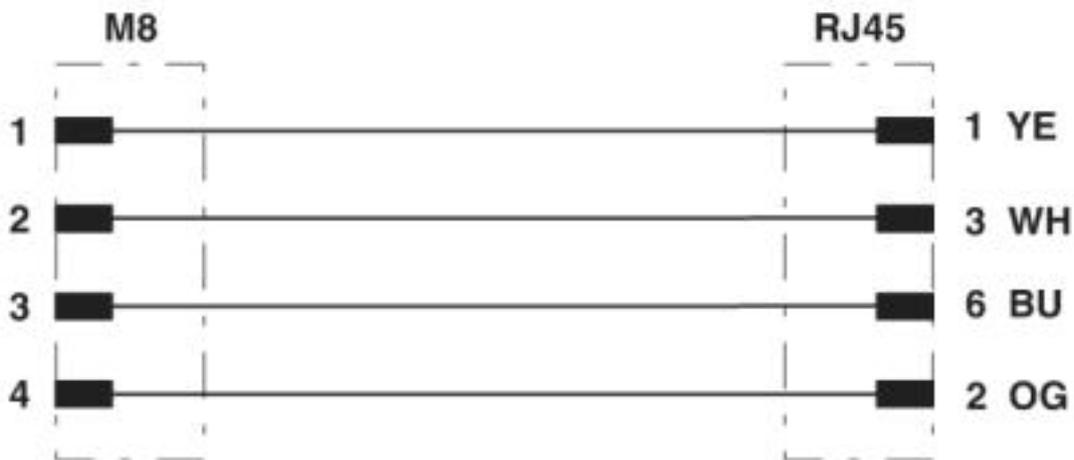
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Dimensioned drawing



RJ45 connector, IP20

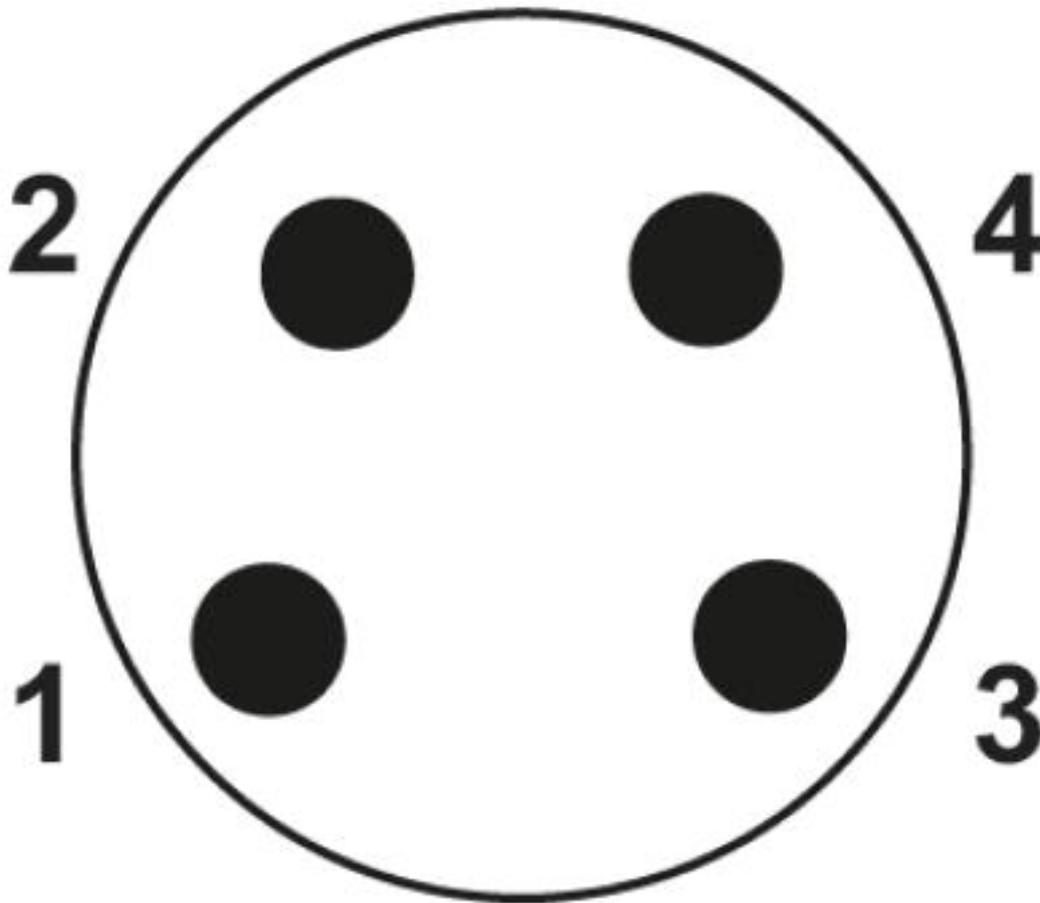
Circuit diagram



Contact assignment of the M8 and RJ45 plug

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Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

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