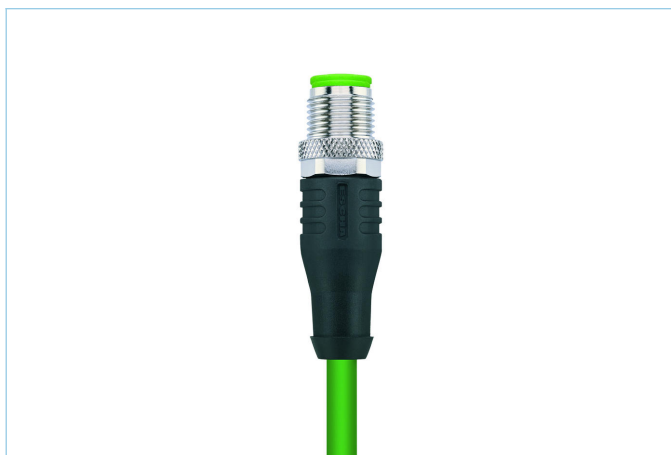
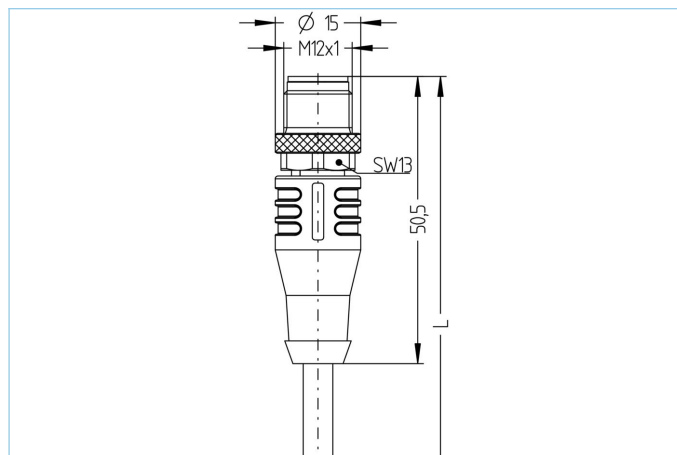


Single-ended cordset, 100 MBit/s, Industrial Ethernet, shielded



Product data

Item description	IE-WASSY4.029-10/S2171
Item-No.	8031451
Length	10m
Customs tariff-No.	85444290
Step-File	IE-WASSY4.stp
EAN	4047106000516

Technical data

Connector	male, straight, M12
Number of pins	4
Pin assignment	1 YE, 2 WH, 3 OG, 4 BU
Coding	D
Rated voltage	250V
Current load (at 40°C)	4A
Insulation resistance	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$
Transmission features	Cat5e
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3

Advanced technical data UL

Rated voltage	250V _{AC/DC}
Rated current	4,0A

Cable Cat5e, PUR, UL, S2171, PROFINET

Shielded, PUR-cable for industrial applications. The cable is CMX-verified or meets the Cat5e (electrical properties of EN 50288-2-1) requirements. Materials and a constructive setup allow for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable. A drag-chain application with up to 3 million bending cycles is possible.

Outer diameter of jacket	6,50 mm
Cable-jacket material	PUR
Jacket color	GN, similar RAL6018
Wire cross-section	1 x 4 x AWG22, star quad
Wire insulation material	FRNC
Wire colors	YE/OG ; WH/BU
Conductor structure	7 x 0.25 mm
Bending radius (fixed)	4 x Ø-cable
Bending radius (repeated)	8 x Ø-cable
Temperature range (repeated)	-30°C...+70°C
Temperature range (fixed)	-40°C...+75°C
Drag chain-application	3 Mio. bending cycles
Halogen-free	Yes
Transmission features	Cat5e
Rated voltage cable	600V UL rating
Special features	flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, halogen free, oil resistant, high flexibility, microbes resistant, UN ECER118, PROFINET Type C

Classification

eCl@ss 6.0	27060307
eCl@ss 7.0	27060307
eCl@ss 8.0	27060307
eCl@ss 9.0	27060307
ETIM 5.0	EC000830
ETIM 6.0	EC000830

Accessories

Mounting-set, M12

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047664/Mounting-set-M12-clips-and-screws-M4x8-black>

Torque-wrench set

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12>

Marking rings Ø 9mm

<https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809>

Cable Stripping Tool

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter>

Cable Stripping Tool

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter>