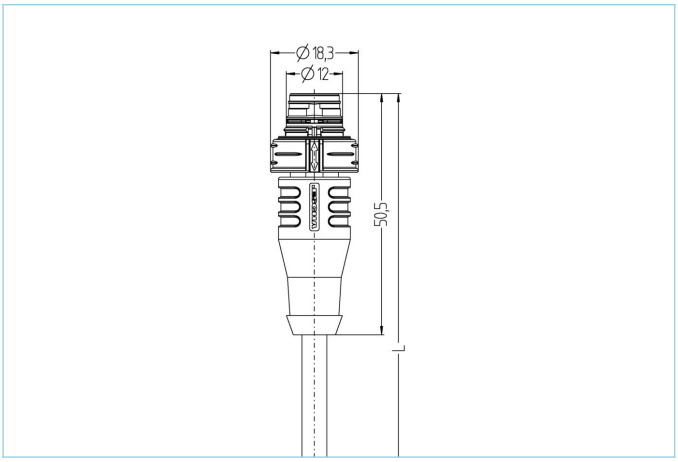
M12, Push-Pull inner locking, male, straight, 8 poles, X-coded, shielded, Industrial Ethernet 10 GBit/s







Product data	
Item description	IE-PPIWASSX8.066-2/S4030
Item-No.	8124735
Length	2m
Customs tariff-No.	85444290
Step-File	IE-PPIWASSX8.stp
EAN	4047106348847

Technical data	
Connector	male, straight, M12 Push-Pull
Number of pins	8
Pin assignment	1 WHOG, 2 OG; 3 WHGN, 4 GN; 5 WHBN, 6 BN; 7 WHBU, 8 BU
Coding	X
Rated voltage	50V_{AC} | 60V_{DC}
Current load per pin (at 40°C)	0.5A
Insulation resistance	≥10^8Ω
Transmission features	Cat6A
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA GF, BK
Grip body material	Plastic, TPU, BK
Material of shielding housing	Zinc die-cast
Shielding	with shielding
Standards	IEC 61076-2-010
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3
Style	straight

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence.

Cable web	Cat7, PUR, UL, S4030

PROFINET 4x2xAWG24/7 Type C is a torsion resistant-, high-speed-data cable of transmission category Cat 7. The cable is halogenfree,flame-retardant, resistant to oil and resistant to abrasion due to PUR-outer jacket. It is excellently adapted for applications in industrial areas. Due to high-grade shielding, a high transmission safety of data in electromagnetically charged areas is provided. It is adapted for applications in dry- and wet areas.

Outer diameter of jacket	9.40 mm
Cable-jacket material	PUR
Jacket color	GN, similar RAL6018
Wire cross-section	4 x 2 x AWG24
Wire insulation material	Foam-Skin Polyolefin
Wire colors	WH/BU ; WH/OG ; WH/GN ; WH/BN
Wire structure	7 x 0.20 mm
Bending radius (fixed)	8 x Ø-cable
Bending radius (repeated)	15 x Ø-cable
Temperature range (repeated)	-30°C...+70°C
Temperature range (fixed)	-40°C...+80°C
Shielding	Yes
Halogen-free	Yes
Torsion	>5 Mio. cycles (±180°/m)
Transmission features	Cat7
Rated voltage cable	max. 125 V
Special features	flame retardant, halogen free, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, torsion resistant, UV resistant

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

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
https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216