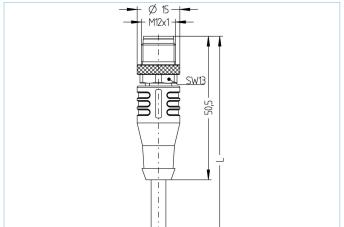


M12, male, straight, 8 poles, X-coded, M12, male, straight, 8 poles, X-coded, shielded, Industrial Ethernet 10 GBit/s









Product data	
Item description	IE-WASSX8.066-7-IE-WASSX8.066/S3500
Item-No.	8811469
Length	7m
Customs tariff-No.	85444290
Step-File	IE-WASSX8-L-IE-WASSX8_S3500.stp
EAN	4047106328474

Technical data	A-side	B-side
Connector	male, straight, M12	male, straight, M12
Number of pins	8	8
Pin assignment	1 WHOG, 2 OG; 3 WHGN, 4 GN; 5 WHBN, 6 BN; WHBU, 8 BU	7 1 WHOG, 2 OG; 3 WHGN, 4 GN; 5 WHBN, 6 BN; 7 WHBU, 8 BU
Coding of	X	X
Rated voltage	50Vac 60Vdc	50Vac 60Vdc
Current load (at 40°C)	0.5A	0.5A
Insulation resistance	≥10°Ω	≥10°Ω
Resistance	≤ 5mΩ	≤ 5mΩ
Transmission features	Cat6A	Cat6A
Ambient temperature product	-30°C+90°C	-30°C+90°C
Contact material	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, PA GF, BK	Plastic, PA GF, BK
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Shielding	with shielding	with shielding
Standards	IEC 61076-2-109	IEC 61076-2-109
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3



Advanced technical data UL	
Rated voltage	30V
Rated current	0,5A
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	
Mounting-clip, M12 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660	
Torque-wrench set https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431	

 $\label{lem:marking_marking} \begin{array}{ll} Marking\ rings\ \varnothing\ 9mm \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity?} p=18o=38n=158f=809 \\ \end{array}$

 $Screw\ cap,\ M12 \\ https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1\&o=3\&n=15\&f=811 \\$