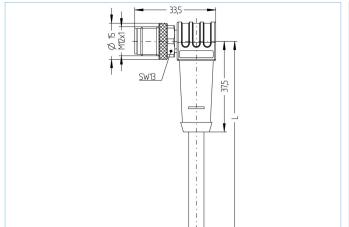


M12, male, angled, 8 poles, X-coded, shielded, Industrial Ethernet 10 GBit/s









Product data	
Item description	IE-WWASSX8.066-5/S3500
Item-No.	8055442
Length	5m
Customs tariff-No.	85444290
Step-File	IE-WWASSX8-L_S3500.stp
EAN	4047106139315
Technical data	
Connector	male, angled, M12
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	50Vac 60Vdc
Current load per pin (at 40°C)	0.5A
Insulation resistance	≥10°Ω
Resistance	≤ 5mΩ
Transmission features	Cat6A
Ambient temperature product	-30°C+90°C
Contact material	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, PA, transparent
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 61076-2-109
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	2
Style	angled



Advanced technical data UL	
Rated voltage	30Vac/DC
Rated current	0,5A
Cable web	Cat7, PUR, UL, S3500
Shielded PUR-cable for industrial applications. The cable meets the UL-requirements. Materials and a constructive setup allow for increased m	Style 20963 and the Cat7 (electrical properties according to EN50288-4-2) nechanical stresses (abrasion, bending, vibrations etc.) of the cable.
Outer diameter of jacket	6.40 mm
Cable-jacket material	PUR
Jacket color	GN, similar RAL6018
Wire cross-section	4 x 2 x 0.14 mm ²
Wire insulation material	PE
Wire colors	WH/OG ; WH/GN ; WH/BN ; WH/BU
Wire structure	7 x 0.16 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	-20°C+60°C
Temperature range (fixed)	-40°C+80°C
Shielding	Yes
Halogen-free	Yes
Transmission features	Cat7
Rated voltage cable	30 V UL rating
Special features	halogen free, high flexibility, hydrolysis proof, no fire propargation, no cor rosive gases, LABS free, microbes resistant, oil resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater 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	

 $\label{lem:marking} \begin{array}{ll} Marking\ rings\ \varnothing\ 9mm \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1\&o=3\&n=15\&f=809 \\ \end{array}$

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

Link to product

https://www.escha.net/en/products/standard/data-connectors/8055442