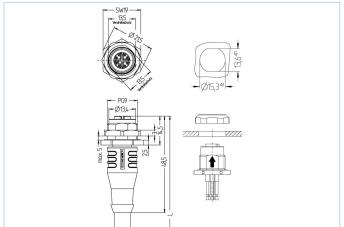


Receptacle Single-ended cordset, M12, female, straight, 8 poles, X-coded, back wall-mounting, shielded, Industrial Ethernet



Adjustable fixing screw













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Product data	
Item description	IE-FKFDSX8.066-10/S3500
Item-No.	8061150
Length	10m
Customs tariff-No.	85444290
Step-File	IE-FKFDSX8_066-m.stp
EAN	4047106148171
Technical data	
Connector	female, straight, 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 ⁸ Ω
Transmission features	Cat6A
Ambient temperature product	-30°C+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, GN
Grip body material	Plastic, TPU, BK
Receptacle housing material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Material of external sealing	NBR
Shielding	with shielding
Mounting direction	Back wall-mounting (incl. Fixing screw)

Yes



Connecting type	Cable	
Standards	IEC 61076-2-109	
Degree of protection (mounted)	IP65, IP67, IP68	
Mechanical life-cycle	>100 mating cycles	
Degree of pollution	3	
Style	straight	
Cable web	Cat7, PUR, UL, S3500	
Shielded PLIP cable for industrial applications. The cable mosts the LIL Style 20062 and the Cat7 (electrical proporties according to ENE0299 4.2)		

Shielded PUR-cable for industrial applications. The cable meets the UL-Style 20963 and the Cat7 (electrical properties according to EN50288-4-2) requirements. Materials and a constructive setup allow for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable.

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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 corrosive gases, LABS free, microbes resistant, oil resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant

Classification	
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440103
ETIM 5.0	EC002061
ETIM 6.0	EC002061

Link to product

https://www.escha.net/en/products/standard/receptacles/8061150