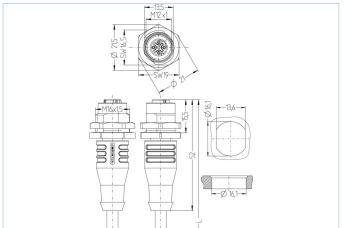


Receptacle Single-ended cordset, M12, female, straight, 4 poles, D-coded, back wall-mounting, shielded, Industrial Ethernet









Item description         IE-FKFDSY4.082-5/16/S3400           Item-No.         8064035           Length         5m           Customs tariff-No.         85444290           Step-File         IE-FKFDSY4_082-m_16.stp           EAN         4047106152765           Technical data           Connector         female, straight, M12           Number of pins         4           Pin assignment         1 WHOG, 2 WHBU, 3 OG, 4BU           Coding         D           Rated voltage         250V           Current load per pin (at 40°C)         4A           Insulation resistance         ±10°Ω           Transmission features         Cat5e           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         CMAUCHAL	Product data	
Length5mCustoms tariff-No.85444290Step-FileIE-FKFDSY4_082-m_16.stpEAN4047106152765Technical dataConnectorfemale, straight, M12Number of pins4Pin assignment1 WHOG, 2 WHBU, 3 OG, 4BUCodingDRated voltage250VCurrent load per pin (at 40°C)4AInsulation resistance210°ΩTransmission featuresCat5eAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, GNGrip body materialMetal, CuZn, nickel-platedReceptacle housing materialMetal, CuZn, nickel-plated	Item description	IE-FKFDSY4.082-5/16/S3400
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Insulation resistance ≥10°Ω  Transmission features Cat5e  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	Rated voltage	250V
Transmission features  Cat5e  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	Current load per pin (at 40°C)	4A
Ambient temperature product  Contact material  Contact-carrier material  Ambient temperature product  Metal, CuZn, gold-plated  Plastic, PA, GN  Grip body material  Plastic, TPU, BK  Receptacle housing material  Metal, CuZn, nickel-plated	Insulation resistance	≥10°Ω
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	Transmission features	Cat5e
Contact-carrier material Plastic, PA, GN Grip body material Plastic, TPU, BK Receptacle housing material Metal, CuZn, nickel-plated	Ambient temperature product	-30°C+90°C
Grip body material Plastic, TPU, BK  Receptacle housing material Metal, CuZn, nickel-plated	Contact material	Metal, CuZn, gold-plated
Receptacle housing material Metal, CuZn, nickel-plated	Contact-carrier material	Plastic, PA, GN
·	Grip body material	Plastic, TPU, BK
Cooling (formula) material	Receptacle housing material	Metal, CuZn, nickel-plated
Sealing (Temale) material FPIV/FKIVI	Sealing (female) material	FPM/FKM
Material of external sealing NBR	Material of external sealing	NBR
Shielding with shielding	Shielding	with shielding
Mounting direction Back wall-mounting (incl. Fixing screw)	Mounting direction	Back wall-mounting (incl. Fixing screw)
Adjustable fixing screw Yes	Adjustable fixing screw	Yes
Fastening thread M16x1.5	Fastening thread	M16x1.5



Connecting type	Cable
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Style	straight
Cable web	Cat5e, PUR, UL, S3400

Shielded PUR Ethernet-cable for industrial applications. Fits to real-time requirements according to IEC61158. The cable meets the UL-Style 21815 (80°/300V)- and the Cat5 (electrical properties according to EN50288-2-2) requirements. Materials and a constructive setup for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable. Drag-chain/torsion operations are possible. High tensile strength through incorporated Kevlar-strands.

Outer diameter of jacket	4.80 mm
Cable-jacket material	PUR
Jacket color	GN, similar RAL6018
Wire cross-section	1 x 4 x AWG26, star quad
Wire insulation material	PP
Wire colors	WHBU/BU, WHOG/OG
Wire structure	19 x 0.10 mm
Bending radius (fixed)	4 x Ø-cable
Bending radius (repeated)	7,5 x Ø-cable
Temperature range (repeated)	-30°C+70°C
Temperature range (fixed)	-40°C+80°C
Transmission features	Cat5
Rated voltage cable	300 V UL rating
Special features	halogen free, high flexibility, hydrolysis proof, LABS free, microbes resistant, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, 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/8064035