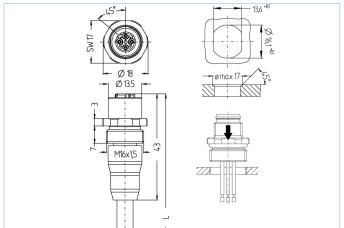


Receptacle Single-ended cordset, M12, female, straight, 4 poles, D-coded, front wall-mounting, shielded, Industrial Ethernet









Item description IE-FKSY4.029-5/16/S2171/S3941 Item-No. 8063615 Length 5m Customs tariff-No. 8544490 Step-File IE-FKSY4.029-m_16.stp EAN 4047106149550 Technical data Connector female, straight, M12 Number of pins 4 Pin assignment 1 YE, 2 WH, 3 OG, 4 BU Coding D Rated voltage 60V Current load per pin (at 40°C) 4A Unsulation resistance 10°Q Ambient temperature product -30°C+70°C Contact material Metal, CuZn, gold-plated Contact-carrier material Metal, CuZn, nickel-plated Grip body material Plastic, hot mell, transparent Receptacle housing material Metal, CuZn, nickel-plated Sealing (fernale) material Metal, CuZn, nickel-plated Material of external sealing Metal, CuZn, nickel-plated Shielding Mitch shielding Mounting direction Front wall-mounting (without fixing screw) Adjustable (king screw)	Product data	
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Transmission features Ambient temperature product Contact material Contact-carrier material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, GN Grip body material Receptacle housing material Metal, CuZn, nickel-plated FPM/FKM Material of external sealing NBR Shielding Mounting direction Adjustable fixing screw No	Current load per pin (at 40°C)	4A
Ambient temperature product Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, GN Grip body material Receptacle housing material Metal, CuZn, nickel-plated Metal, CuZn, nickel-plated FPM/FKM Material of external sealing NBR Shielding Mounting direction Adjustable fixing screw Adjustable fixing screw Adjustable fixing screw Adjustable fixing screw	Insulation resistance	≥10°Ω
Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, GN Grip body material Plastic, hot melt, transparent Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Material of external sealing NBR Shielding with shielding Mounting direction Front wall-mounting (without fixing screw) Adjustable fixing screw No	Transmission features	Cat5e
Contact-carrier material Plastic, PA, GN Grip body material Plastic, hot melt, transparent Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Material of external sealing NBR Shielding with shielding Mounting direction Front wall-mounting (without fixing screw) Adjustable fixing screw No	Ambient temperature product	-30°C+70°C
Grip body material Receptacle housing material Sealing (female) material Metal, CuZn, nickel-plated FPM/FKM Material of external sealing NBR Shielding with shielding Mounting direction Adjustable fixing screw Plastic, hot melt, transparent Metal, CuZn, nickel-plated FPM/FKM FPM/FKM NBR No No No No No No No No No N	Contact material	Metal, CuZn, gold-plated
Receptacle housing material Sealing (female) material Metal, CuZn, nickel-plated FPM/FKM Material of external sealing NBR Shielding with shielding Mounting direction Adjustable fixing screw Metal, CuZn, nickel-plated FPM/FKM NBR NBR with shielding Front wall-mounting (without fixing screw) No	Contact-carrier material	Plastic, PA, GN
Sealing (female) materialFPM/FKMMaterial of external sealingNBRShieldingwith shieldingMounting directionFront wall-mounting (without fixing screw)Adjustable fixing screwNo	Grip body material	Plastic, hot melt, transparent
Material of external sealing Shielding With shielding Mounting direction Front wall-mounting (without fixing screw) Adjustable fixing screw No	Receptacle housing material	Metal, CuZn, nickel-plated
Shielding with shielding Mounting direction Front wall-mounting (without fixing screw) Adjustable fixing screw No	Sealing (female) material	FPM/FKM
Mounting direction Front wall-mounting (without fixing screw) Adjustable fixing screw No	Material of external sealing	NBR
Adjustable fixing screw No	Shielding	with shielding
	Mounting direction	Front wall-mounting (without fixing screw)
Fastening thread M16x1.5	Adjustable fixing screw	No
	Fastening thread	M16x1.5



Connecting type	Cable
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP67
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Style	straight

Cable Cat5e, PUR, UL, S2171, PROFINET

Shielded, PUR-cable for industrial applications. The cable is CMX-verified or meets the Cat5e (electrical properties of EN 50288-2-1) requirements. Materials and a constructive setup allow for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable. A drag-chain application with up to 3 million bending cycles is possible.

Outer diameter of jacket	6.50 mm
Cable-jacket material	PUR
Jacket color	GN, similar RAL6018
Wire cross-section	1 x 4 x AWG22, star quad
Wire insulation material	FRNC
Wire colors	WH, BU, OG, YE
Wire structure	7 x 0.25 mm
Bending radius (fixed)	4 x Ø-cable
Bending radius (repeated)	8 x Ø-cable
Temperature range (repeated)	-30°C+70°C
Temperature range (fixed)	-40°C+75°C
Drag chain-application	3 Mio. bending cycles
Halogen-free	Yes
Transmission features	Cat5e
Rated voltage cable	600V UL rating
Special features	flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, halogen free, oil resistant, high flexibility, microbes resistant, UN ECER118, PROFINET Type C

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/data-connectors/8063615