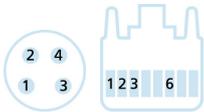
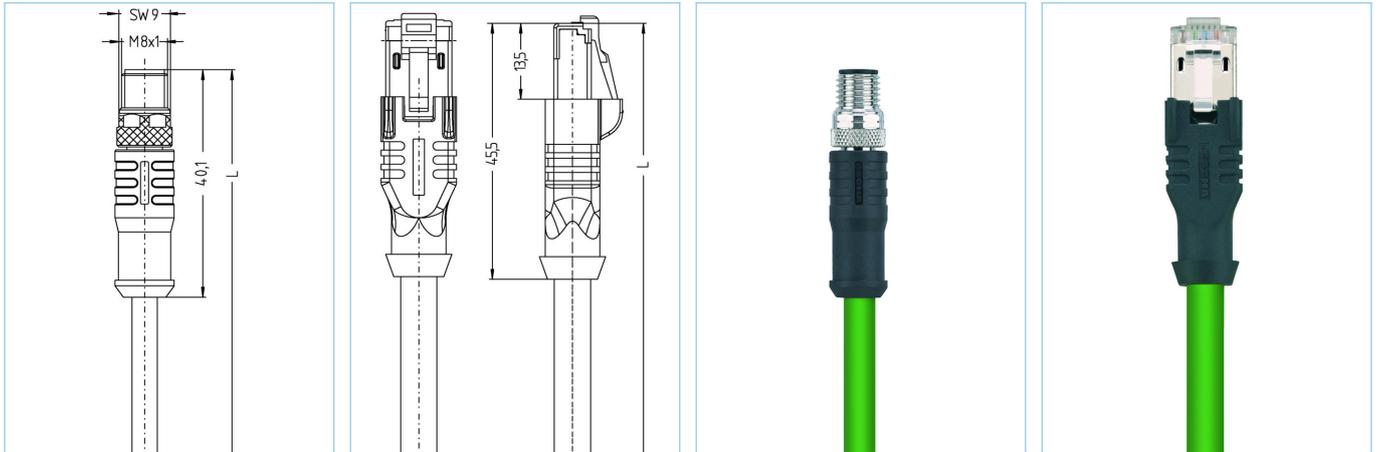


Double-ended cordset, Industrial Ethernet, M8x1 - RJ45, shielded



EtherCAT



Product data	
Item description	IE-SSPS4.027-2-IE-RJ45SS8.005/S3400
Item-No.	8055539
Length	2m
Customs tariff-No.	85444290
Step-File	IE-SSPS4-m-IE-RJ45SS8.stp
EAN	4047106139735
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	male, straight, M8x1	male, straight, RJ45
Number of pins	4	4
Pin assignment	1 WH/OG, 2 WH/BU, 3 BU, 4 OG	1 WH/OG, 2 OG, 3 WH/BU, 6 BU
Allocation		T568B
Rated voltage	30V	50V
Current load (at 40°C)	4A	1A
Insulation resistance	≥10 ⁹ Ω	≥10 ⁹ Ω
Transmission features	Cat5e	Cat5e
Ambient temperature product	-30°C...+90°C	-40°C...+70°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, BK	Plastic
Grip body material	Plastic, TPU, BK	Plastic, TPE, BK
Coupling nut material	Metal, CuZn, nickel-plated	
Shielding	with shielding	with shielding
Material of shielding housing		Metal, CuZn, nickel-plated
Standards	IEC 61076-2-104	IEC 60603-7-5
Degree of protection (mounted)	IP65, IP67, IP68	IP20
Mechanical life-cycle	>100 mating cycles	>750 mating cycles
Degree of pollution	3/2	1

cable	Cat5e, PUR, UL, S3400
--------------	------------------------------

Shielded PUR Ethernet-cable for industrial applications. Fits to real-time requirements according to IEC61158. The cable meets the UL-Style20963 (80°/30V)- 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	BU, OG, WH/BU, WH/OG
Conductor structure	19 x 0.10 mm
Bending radius (fixed)	4 x Ø-cable
Bending radius (repeated)	7,5 x Ø-cable
Temperature range (fixed)	-40°C...+80°C
Transmission features	Cat5
Rated voltage cable	30 V UL rating
Special features	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

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	Web-Link
--------------------	-----------------

Torque-wrench set	https://www.escha.net/en/search?sSearch=8055431
Marking rings Ø 9mm	https://www.escha.net/en/products/accessoires/marking-rings/
Unlocking clip for RJ45	https://www.escha.net/en/products/accessoires/unlocking-clips-for-rj45/