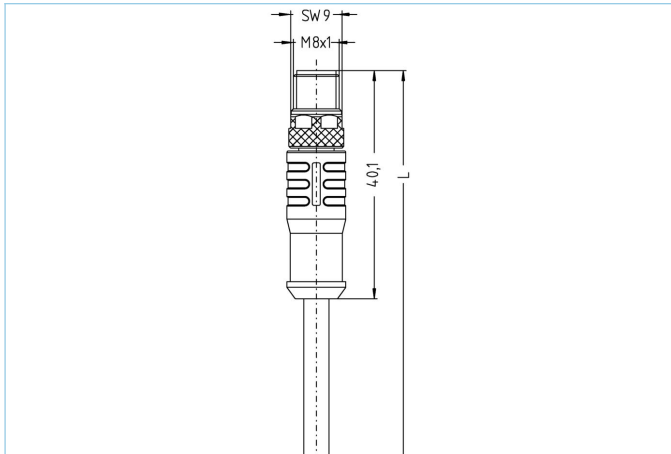


Single-ended cordset, Industrial Ethernet, M8, shielded



EtherCAT



Product data

Item description	IE-SSPS4.027-5/S3400
Item-No.	8055530
Length	5m
Customs tariff-No.	85444290
Step-File	IE-SSPS4-m.stp
EAN	4047106139636

Technical data

Connector	male, straight, M8
Number of pins	4
Pin assignment	1 WHOG, 2 WHBU, 3 BU, 4 OG
Rated voltage	60V
Current load (at 40°C)	4A
Insulation resistance	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$
Transmission features	Cat5e
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 61076-2-114
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3/2

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		WHBU/BU, WHOG/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		
Mounting-set, M8 https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047663/Mounting-set-M8-clips-and-screws-M4x8-black		
Torque-wrench set https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12		
Marking rings Ø 9mm https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809		
Cable Stripping Tool https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter		
Cable Stripping Tool https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter		