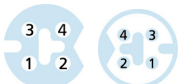
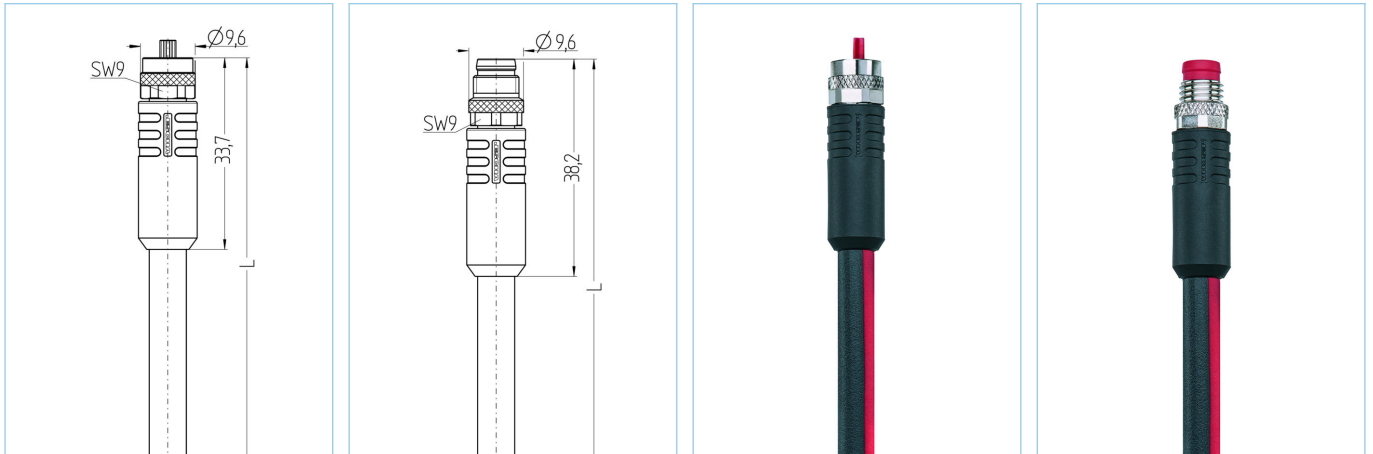


Double-ended cordset, Industrial Ethernet, M8x1, shielded



EtherCAT



Product data

Item description	IE-SKPSP4.054-1-IE-SSPSP4.054/S5058
Item-No.	8089200
Length	1m
Customs tariff-No.	85444290
Step-File	IE-SKPSP4-m-IE-SSPSP4_S5058.stp
EAN	4047106254360
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	female, straight, M8x1	male, straight, M8x1
Number of pins	4	4
Pin assignment	1 WH/OG, 2 WH/BU, 3 BU, 4 OG	1 WH/OG, 2 WH/BU, 3 BU, 4 OG
Coding of	P	P
Rated voltage	60V	60V
Current load (at 40°C)	4A	4A
Insulation resistance	≥10 ⁹ Ω	≥10 ⁹ Ω
Transmission features	Cat5e	Cat5e
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, BK	Plastic, PA, BK
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM	
Shielding	Yes, 360°	Yes, 360°
Standards	IEC 61076-2-114	IEC 61076-2-114
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3/2	3/2

Cable	S5058, PUR, UL
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Shielded, PUR-cable for EtherCAT P industrial applications. The cable is UL-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 2 million bending cycles is possible.

Outer diameter of jacket	6,5 mm
Cable-jacket material	PUR
Jacket color	BK, with red vertical stripe
Wire cross-section	1 x 4 x AWG22, star quad
Wire insulation material	Foam-Skin Polyolefin
Wire colors	OG, WH, BU, YE
Conductor structure	7 x 0.25 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	8 x Ø-cable
Temperature range (repeated)	-30°C...+70°C
Temperature range (fixed)	-40°C...+80°C
Drag chain-application	2 Mio. bending cycles
Halogen-free	Yes
Transmission features	Cat5e
Rated voltage cable	300V
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, EtherCAT P compliant

Classification	
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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
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Mounting-set, M8x1	https://www.escha.net/en/search?sSearch=8047663
Torque-wrench set	https://www.escha.net/en/search?sSearch=8055431
Marking rings Ø 9mm	https://www.escha.net/en/products/accessoires/markring-rings/