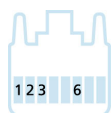
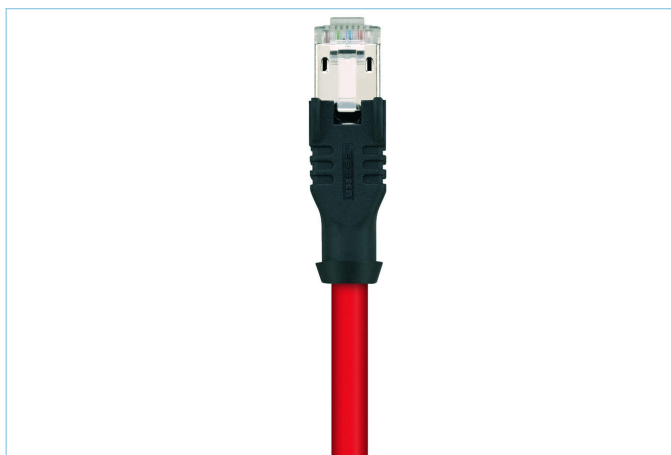
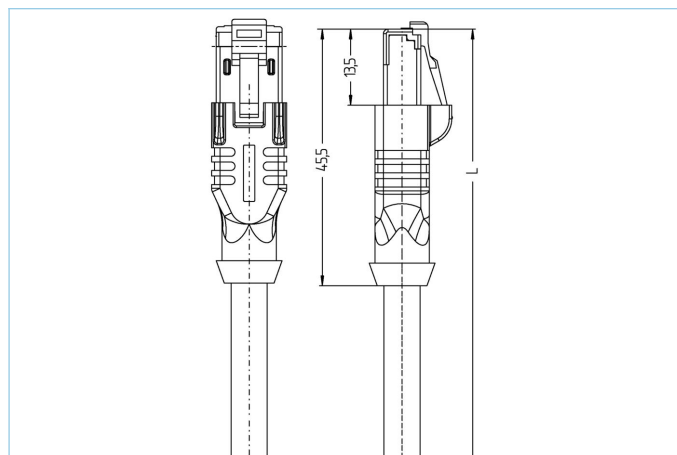


Single-ended cordset, 100 MBit/s, Industrial Ethernet, RJ45, shielded



Sercos
the automation bus



Product data

Item description	IE-RJ45SS4.003-2/S3800
Item-No.	8062332
Length	2m
Customs tariff-No.	85444290
Step-File	IE-RJ45SS4-m.stp
EAN	4047106148713

Technical data

Connector	male, straight, RJ45
Number of pins	4
Pin assignment	1 YE, 2 OG, 3 WH, 6 BU
Allocation	Industrial
Rated voltage	50V
Current load (at 40°C)	1A
Insulation resistance	$\geq 10^9 \Omega$
Transmission features	Cat5e
Ambient temperature product	-40°C...+70°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA UL94-V0, transparent
Grip body material	Plastic, TPE, BK
Material of shielding housing	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 60603-7-5
Degree of protection (mounted)	IP20
Mechanical life-cycle	>750 mating cycles
Cable end assembly	open cable end
Degree of pollution	1

Advanced technical data UL

Rated voltage	50V _{AC/DC}
Rated current	1,0A

Cable		Cat5e, PUR, UL, S3800, Sercos
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 3million bending cycles is possible.		
Outer diameter of jacket	6,50 mm	
Cable-jacket material	PUR	
Jacket color	RD, similar RAL3020	
Wire cross-section	1 x 4 x AWG22, star quad	
Wire insulation material	FRNC	
Wire colors	OG, WH, BU, YE	
Conductor structure	7 x 0.254 mm	
Bending radius (fixed)	4 x Ø-cable	
Bending radius (repeated)	8 x Ø-cable	
Temperature range (repeated)	-40°C...+80°C	
Temperature range (fixed)	-40°C...+80°C	
Temperature range (drag chain)	-40°C...+80°C	
Drag chain-application	up to 3 Mio. bending cycles	
Halogen-free	Yes	
Transmission features	Cat5e	
Rated voltage cable	300 V 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	
Classification		
eCl@ss 6.0	27061801	
eCl@ss 7.0	27060308	
eCl@ss 8.0	27060308	
eCl@ss 9.0	27060308	
ETIM 5.0	EC002599	
ETIM 6.0	EC002599	
Accessories		
Unlocking clip for RJ45 https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=807		
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		