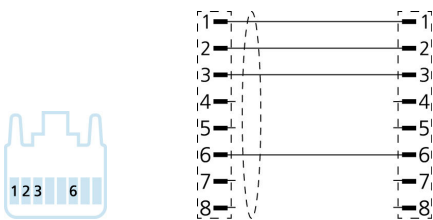


Double-ended cordset, 100 MBit/s, Industrial Ethernet, RJ45 light, shielded



Product data	
Item description	IE-RJ45SLS8.005-1-IE-RJ45SLS8.005/S3400
Item-No.	8069789
Length	1m
Customs tariff-No.	85444290
Step-File	IE-RJ45SLS8-m-IE-RJ45SLS8.stp
EAN	4047106167011
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	male, straight, RJ45 light	male, straight, RJ45 light
Number of pins	4	4
Pin assignment	1 WHOG, 2 OG, 3 WHBU, 6 BU	1 WHOG, 2 OG, 3 WHBU, 6 BU
Allocation	Industrial	Industrial
Rated voltage	50V	50V
Current load (at 40°C)	1A	1A
Insulation resistance	≥10 ⁸ Ω	≥10 ⁸ Ω
Transmission features	Cat5e	Cat5e
Ambient temperature product	-40°C...+80°C	-40°C...+80°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic	Plastic
Shielding	with shielding	with shielding
Material of shielding housing	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Standards	IEC 60603-7-5	IEC 60603-7-5
Degree of protection (mounted)	IP20	IP20
Mechanical life-cycle	>750 mating cycles	>750 mating cycles
Degree of pollution	1	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		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		27061801
eCl@ss 7.0		27060308
eCl@ss 8.0		27060308
eCl@ss 9.0		27060308
ETIM 5.0		EC002599
ETIM 6.0		EC002599