

Product: [SPEG20-LL-SPEG20-LL-1014](#) 



SPE double ended cordset: T1 Industrial male straight 6P-LL Code to T1 Industrial male straight 6P-LL Code, IP20, XLPE

Product Description

SPE double ended cordset: T1 Industrial male straight 6P-LL Code to T1 Industrial male straight 6P-LL Code, IP20, XLPE

Technical Specifications

Face View Side 1

Pin 1	Pin 2
Blue	Natural White

Face View Side 2

Pin 1	Pin 2
Blue	Natural White

Product Description

Product Family:	SPE Cordset
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Shielded
Voltage Rating:	60 V
Operating Voltage:	< 50 V AC / 60 V DC
Current Rating:	4 A
Data Transmission Type:	1 Gbit/s bis 40 m / 10 Mbit/s bis 1000 m

Technical Data Side 1

Side 1 Product Sub Family:	SPE Cordset T1 Industrial
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Latch-Locking
Number of Pins:	2
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 5x10 ⁸ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C (Cable +80 °C)
Protection Degree / IP Rating**:	IP20
Design Standard:	IEC 63171-6
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Contact Base Material:	CuSn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Molded Body Material:	TPU
Molded Body Color:	Black

Attachment Material:	CuZn
Attachment Plating:	Nickel-plated

Cable Data

Cable Number:	1014
Number of Wires:	2
Conductor Material:	Cu
Cable Jacket Material:	XLPE
Cable Jacket Color:	black
Cable Diameter D:	ø 4.80 ± 0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 1,65 ±0.1 mm
Overall Shield (Cable):	Tinned copper
Foil shield:	Al-mylar wrapping foil
Ambient Temperature (Fixed Installation):	- 40 °C - +80 °C
UL Cable Type:	AWM: 22303
Flammability Class (Cable Jacket):	FT-2
Cable Characteristics:	Exclusion of dangerous materials

Technical Data Side 2

Side 2 Product Sub Family:	SPE Cordset T1 Industrial
Side 2 Type of Contact/Gender:	Male
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Latch-Locking
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 5x10 ⁸ Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C (Cable +80 °C)
Design Standard, Side 2:	IEC 63171-6
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	PA
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Black
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-plated

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Note Derating:	Notice derating
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History

Update and Revision:	Revision Number: 0.28 Revision Date: 05-31-2024
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