lumbergautomation
A BELDEN BRAND

Product: RSMGVS-8M-SPEG20-LL-999

SPE double ended cordset: M8 male straight 6P-M8 Code to T1 Industrial male straight 6P-LL Code, IP65/67 - IP20, PVC

Product Description

SPE double ended cordset: M8 male straight 6P-M8 Code to T1 Industrial male straight 6P-LL Code, IP65/67 - IP20, PVC

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:	Shielded
Rated Voltage:	60 V
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	4 A
Data Transmission:	1 Gbit/s bis 40 m / 10 Mbit/s bis 1000 m

Technical Data Side 1

Product Sub Family:	SPE Cordset M8 (T1 Industrial)
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Screw-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**:	IP65, IP67
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
Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	TPU

Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 V-0
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
Fastening Torque (Attachment):	M 8x1: 40 Ncm, hand-tight

Cable Data

Cable Number:	999
Number of Wires:	2
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	black
Cable Diameter D:	ø 5.10 ± 0.20 mm
Wire Insulation Material:	PE
Insulated Wire Diameter:	ø 1,65 ±0.1 mm
Overall Shield (Cable):	Tinned copper
Foil shield:	Al-myler wrapping foil
Ambient Temperature (Fixed Installation):	- 40 °C - +80 °C
UL Cable Type:	AWM: 2095
Flammability Class (Cable Jacket):	FT-2
Cable Characteristics:	Exclusion of dangerous materials

Technical Data Side 2

Product Sub Family, Side 2:	SPE Cordset T1 Industrial
Type of Contact / Gender, Side 2:	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)
Protection Degree / IP Rating, Side 2**:	IP20
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

Notes

Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.30 Revision Date: 02-01-2024

Variants

Item #	Item Description	Cable Length
935100362	RSMGVS-8M-SPEG20-LL-999/1 M	1 m
935100361	RSMGVS-8M-SPEG20-LL-999/15 M	15 m

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