

Product: <u>RSMGVS-1P-RSMGVS-1P-1014</u>



SPE double ended cordset: M8 male straight 6P-M8 Code to M8 male straight 6P-M8 Code, IP65/67, XLPE

Product Description

SPE double ended cordset: M8 male straight 6P-M8 Code to M8 male straight 6P-M8 Code, IP65/67, XLPE

Technical Specifications

Face View Side 1		
Pin 1	Pin 2	
Natural White	Blue	

Face View Side 2

Pin 1	Pin 2	
Natural White	Blue	

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

ordset M8 (T1 Industrial)
nt
-Locking
ıOhm
^8 Ohm
C - + 90 °C (Cable +80 °C)
P67
3171-6
to DIN EN 60664-1 (VDE 0110-1)
N 60664-1 (2008/01); VDE 0110-1
V-0

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:	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-myler 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

Product Sub Family, Side 2:	SPE M8 Cordset
Type of Contact / Gender, Side 2:	Male
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Screw-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**:	IP65, IP67
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
Flammability Class (Contact Bearer), Side 2:	UL 94 V-0
Molded Body Material, Side 2:	UL 94 V-0
Molded Body Color, Side 2:	Black
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-plated
Fastening Torque (Attachment), Side 2:	M 8x1: 40 Ncm, hand-tight

yes

Notice derating

Safety & Environmental Compliance

RoHS Compliant:

Notes

Note Derating

ting:			

Variants

Item #	Item Description	Cable Length
935100315	RSMGVS-8M-RSMGVS-8M-1014/1 M	1 m
935100317	RSMGVS-8M-RSMGVS-8M-1014/2 M	2 m
935100320	RSMGVS-8M-RSMGVS-8M-1014/5 M	5 m
935100313	RSMGVS-8M-RSMGVS-8M-1014/10 M	10 m
935100314	RSMGVS-8M-RSMGVS-8M-1014/15 M	15 m

935100316	RSMGVS-8M-RSMGVS-8M-1014/20 M	20 m
935100318	RSMGVS-8M-RSMGVS-8M-1014/30 M	30 m
935100319	RSMGVS-8M-RSMGVS-8M-1014/40 M	40 m

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