

Product: [RSMGV5-8M-998](#) 

SPE single ended cordset: M8 male straight 6P-M8 Code, IP65/67, PUR



Product Description

SPE single ended cordset: M8 male straight 6P-M8 Code, IP65/67, PUR

Technical Specifications

Face View Side 1

Pin 1	Pin 2
Blue	Natural White

Product Description

Product Family:	SPE Cordset
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Shielding:	Shielded
Rated Voltage:	60 V
Rated Voltage (UL):	60 V AC/DC
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	4 A
Rated Current (UL)*:	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)
Operating Temperature (UL):	max. + 85 °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:	998
Number of Wires:	2
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	blue
Cable Diameter D:	ø 5.50 ± 0.20 mm
Wire Insulation Material:	PE
Insulated Wire Diameter:	ø 1,9 ±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: 20549
Flammability Class (Cable Jacket):	FT-2
Cable Characteristics:	Exclusion of dangerous materials

Approvals

UL:	UL 2238; cULus
-----	----------------

Safety & Environmental Compliance

RoHS Compliant:	Yes
-----------------	-----

Notes

Note Derating:	Notice derating
----------------	-----------------

History

Update and Revision:	Revision Number: 0.31 Revision Date: 02-03-2025
----------------------	---

Variants

Item #	Item Description	Cable Length
935100023	RSMGVS-8M-998/1 M	1 m
935100025	RSMGVS-8M-998/2 M	2 m
935100028	RSMGVS-8M-998/5 M	5 m
935100021	RSMGVS-8M-998/10 M	10 m
935100022	RSMGVS-8M-998/15 M	15 m
935100024	RSMGVS-8M-998/20 M	20 m
935100026	RSMGVS-8M-998/30 M	30 m
935100027	RSMGVS-8M-998/40 M	40 m

© 2025 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.