

## Product information

### RSMF 8/0.5 M - RSMF 8/0,5 M

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M8 Connectors: M8 Receptacle Connectors: for front mounting: male connector: RSMF 8/0.5 M

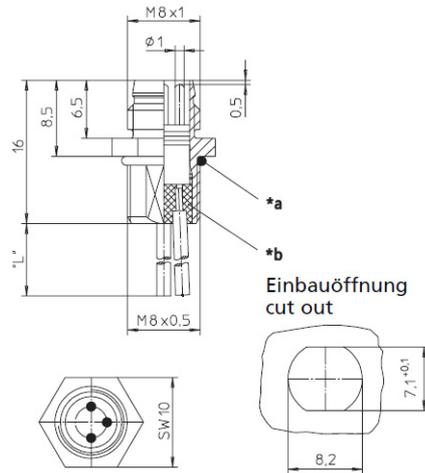
<http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250047-250049-250200-250210/en/conf/ui/state>

Name	RSMF 8/0.5 M
	
	Receptacle connector, M8 male connector for front mounting, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M8 x 0.5 (panel nut RSKF 8), 8 poles, 0.5 meters
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Type	RSMF 8/0,5 M
Order No.	91740
Description	Receptacle connector, M8 male connector for front mounting, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M8 x 0.5 (panel nut RSKF 8), 8 poles, 0.5 meters
Note	The application of these products in harsh environments should always be checked before use.
Number of contacts	8
Color of housing	chromium
Product characteristics	Oil resistance
<b>Classification</b>	
Belden brand	Lumberg-Automation
<b>Mechanical data</b>	
Type of plug-in contact	Male connector
Design of housing	straight
Thread	M8
Design of electrical connection	stranded wire
LED display present	✘
<b>Environmental conditions</b>	
Environmental temperature	-25 °C ... 80 °C
Degree of protection (IP), mounted	IP67
Pollution degree	3
<b>Materials</b>	
Housing material / Molded body	CuZn, nickel-plated
Contact bearer material	PA
Contact material	CuZn
Contact material - Surface refinement	pre-nickeled and 0.8 microns gold-plated
Sealing material	FKM
<b>Electrical data</b>	
Contact resistance	≤ 5 mΩ
Rated current I <sub>n</sub>	1 A at 40°C
Nominal voltage	32 V
Test voltage	0.8 kV eff./60 s
Insulation resistance	> 1 GΩ
<b>Approvals</b>	
Approvals	UL

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M8 Connectors: M8 Receptacle Connectors: for front mounting: male connector: RSMF 8/0.5 M  
<http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256303-250047-250049-250200-250210/en/conf/ui/istate>

Picture

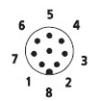
Drawing



\*a O-Ring lose beige stellt  
O-ring enclosed separately

\*b Leiteranschlussbereich vergossen  
solder contacts potted with epoxy

**8-polig**  
**8 poles**



- 1 = weiß / white
- 2 = braun / brown
- 3 = grün / green
- 4 = gelb / yellow
- 5 = grau / grey
- 6 = rosa / pink
- 7 = blau / blue
- 8 = rot / red

**Belden Deutschland GmbH**  
 Im Gewerbepark 2  
 58579 Schalksmühle  
 Germany  
 Phone: +49 7127/14-1806  
 E-Mail: [icos-sales@belden.com](mailto:icos-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.