


Product information

M12 Receptacle connector, front mounting, with stranded wire - RSFM 5/0,5 M

Industrial Connecting Solutions:Circular Connectors:M8 - M12 Connectors:M12 Connectors:M12 Circular connector acc. to IEC 61076-2-101:M12 Receptacle Connectors:M12 Receptacle connector, front mounting, with stranded wire

<https://e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256304-58429-58480-76078/en/RSG-05-xM-16/uistate>

Name	M12 Receptacle connector, front mounting, with stranded wire
	
	Receptacle connector, for front mounting, M12 male connector, assembled stranded wire, solder contacts potted with epoxy, 5 poles, A coding, chassis side thread M16 x 1.5 (panel nut RSKFM 16).
Delivery informations	
Availability	available
Product description	
Type	RSFM 5/0,5 M
Order No.	26146
Description	Receptacle connector, for front mounting, M12 male connector, assembled stranded wire, solder contacts potted with epoxy, 5 poles, A coding, chassis side thread M16 x 1.5 (panel nut RSKFM 16).
Number of contacts	5
Color of housing	silver
Product characteristics	Oil resistance
Classification	
Belden brand	Lumberg-Automation
Eclass-ID	27260702
Mechanical data	
Type of plug-in contact	Male connector
Design of housing	straight
Thread	M12
Design of electrical connection	stranded wire
Coding of the M12 round plug connector	A
LED display present	✘
Environmental conditions	
Environmental temperature	-25 °C ... 80 °C
Degree of protection (IP), mounted	IP67
Pollution degree	3
Materials	
Housing material / Molded body	CuZn, nickel-plated
Contact material	CuZn
Contact material - Surface refinement	pre-nickeled and 0.8 microns gold-plated
Sealing material	FKM
Electrical data	
Contact resistance	≤ 5 mΩ
Rated current In	4 A at 40°C, UL and notice derating
Nominal voltage	60 V
Rated voltage	63 V
Test voltage	1.5 kV eff./60 s
Insulation resistance	> 1 GΩ
Approvals	
Approvals	UL

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