

## Product information

### M12 Receptacle connector, panel feed through - FWD 5B - FWD 5B

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, panel feed through - FWD 5B

<https://catalog.beldensolutions.com:443/link/57078-24228-256281-256304-58429-58480-76378/en/conf/ui/state>

<b>Name</b>	<b>M12 Receptacle connector, panel feed through - FWD 5B</b>
	Receptacle connector, M12 male connector to M12 female connector – especially designed for use as panel feed through –, 5 poles, B coding (suitable for PROFIBUS)
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Type</b>	FWD 5B
<b>Order No.</b>	54217
<b>Description</b>	Receptacle connector, M12 male connector to M12 female connector – especially designed for use as panel feed through –, 5 poles, B coding (suitable for PROFIBUS)
<b>Number of contacts</b>	5
<b>Classification</b>	
<b>Belden brand</b>	Lumberg-Automation
<b>Mechanical data</b>	
<b>Type of plug-in contact</b>	Male connector
<b>Design of housing</b>	straight
<b>Thread</b>	M12
<b>Design of electrical connection</b>	connector M12
<b>Coding of the M12 round plug connector</b>	B
<b>Environmental conditions</b>	
<b>Environmental temperature</b>	-25 °C ... 80 °C
<b>Degree of protection (IP), mounted</b>	IP67
<b>Pollution degree</b>	3
<b>Materials</b>	
<b>Housing material / Molded body</b>	CuZn, nickel-plated
<b>Contact bearer material</b>	PA 66
<b>Contact material</b>	CuZn
<b>Contact material - Surface refinement</b>	pre-nickeled and 0.8 microns gold-plated
<b>Sealing material</b>	FKM
<b>Electrical data</b>	
<b>Contact resistance</b>	≤ 5 mΩ
<b>Rated current In</b>	4 A at 40°C, UL and notice derating
<b>Nominal voltage</b>	60 V
<b>Test voltage</b>	1.5 kV eff./60 s
<b>Insulation resistance</b>	> 1 GΩ

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