




**Product information**  
**M12 Receptacle connector, front mounting with stranded wire, bus connectors - 0976 PMC 151**  
**18315**

Name	
Name	M12 Receptacle connector, front mounting with stranded wire, bus connectors
	
	Receptacle connector, for front mounting, assembled stranded wire (0.5 m), solder contacts potted with epoxy, with adjustable nut, 5 poles, B coding:especially suitable for Profibus, M12 male connector, chassis side thread M16 x 1.5
Delivery informations	
Availability	available
Product description	
Type	0976 PMC 151
Order No.	18315
Description	Receptacle connector, for front mounting, assembled stranded wire (0.5 m), solder contacts potted with epoxy, with adjustable nut, 5 poles, B coding:especially suitable for Profibus, M12 male connector, chassis side thread M16 x 1.5
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	B
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 bearer material	TPU
Contact material	CuZn
Contact material - Surface refinement	pre-nickelated and 0.8 microns gold-plated
Knurled screw / nut material	CuZn, nickel-plated
Sealing material	FKM
Electrical data	
Contact resistance	≤ 5 mΩ
Rated current I <sub>n</sub>	4 A at 40°C, UL and notice derating
Nominal voltage	60 V
Test voltage	1.5 kV eff./60 s
Insulation resistance	> 1 GΩ
Approvals	
Approvals	UL

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