



Product information
M12 Receptacle connector, front mounting with stranded wire, bus connectors - 0976 PFC 151
18317

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 female connector, chassis side thread M16 x 1.5	
Delivery informations		
Availability	available	
Product description		
Type	0976 PFC 151	
Order No.	18317	
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 female 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	Female 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-nickel and 0.8 microns gold-plated	
Knurled screw / nut material	CuZn, nickel-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	
Test voltage	1.5 kV eff./60 s	
Insulation resistance	> 1 GΩ	
Approvals		
Approvals	UL	

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