




## Product information

### **M12 Receptacle connector, front mounting, housing of stainless steel - PRKFM 4/0,5 M 45740**

Name		M12 Receptacle connector, front mounting, housing of stainless steel
		
		Receptacle connector, for front mounting, housing of stainless steel (especially designed for use in food processing equipment), M12 female connector, assembled stranded wire, solder contacts potted with epoxy, 4 poles, A coding, Lead 4 x AWG 22, chassis side thread M16 x 1.5 (panel nut RSKFM 16)
Delivery informations		
Availability	available	
Product description		
Type	PRKFM 4/0,5 M	
Order No.	45740	
Description	Receptacle connector, for front mounting, housing of stainless steel (especially designed for use in food processing equipment), M12 female connector, assembled stranded wire, solder contacts potted with epoxy, 4 poles, A coding, Lead 4 x AWG 22, chassis side thread M16 x 1.5 (panel nut RSKFM 16)	
Number of contacts	4	
Color of housing	silver	
Product characteristics	Acids resistance	
Classification		
Belden brand	Lumberg-Automation	
Eclass-ID	27279220	
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	A	
LED display present	✗	
Environmental conditions		
Environmental temperature	-25 °C ... 70 °C	
Degree of protection (IP), mounted	IP67 / IP69K	
Pollution degree	3	
Materials		
Housing material / Molded body	stainless steel	
Contact bearer material	PBT	
Contact material	CuSn	
Contact material - Surface refinement	pre-nickeled and 0.3 microns gold-plated	
Sealing material	EPDM	
Electrical data		
Contact resistance	≤ 5 mΩ	
Rated current In	4 A at 40°C, UL and notice derating	
Nominal voltage	240 V	
Rated voltage	250 V	
Test voltage	2.0 kV eff./60 s	
Insulation resistance	> 1 GΩ	
Approvals		
Approvals	UL	

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