

## Product information

### Field Attachable M12 Connectors - Stainless Steel Types - RKC� 5/9

Industrial Connecting Solutions:Circular Connectors:M8 - M12 Connectors:M12 Connectors:M12 Circular connector acc. to IEC 61076-2-101:M12 Field Attachable Connectors:Field Attachable M12

Connectors - Stainless Steel Types

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Name	
Field Attachable M12 Connectors - Stainless Steel Types	
	
M12 female connector, straight version, with stainless steel hexagon threaded joint, assembling with screw terminals – especially designed for use in food processing equipment –	
Delivery informations	
Availability	available
Product description	
Type	RKC� 5/9
Order No.	46594
Description	M12 female connector, straight version, with stainless steel hexagon threaded joint, assembling with screw terminals – especially designed for use in food processing equipment –
Number of contacts	5
Color of housing	black
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	screw connection
Coding of the M12 round plug connector	A
LED display present	✘
Connectable conductor cross-section multiple wire (without sleeve)	max. 0.75 mm <sup>2</sup>
connectable conductor cross-section multiple wire (with sleeve)	0.14 mm <sup>2</sup> mm <sup>2</sup>
Screw joint for cable for external cable diameter	4.0 mm ... 8.0 mm
Screwed cable gland, connecting thread	SW 19
Environmental conditions	
Environmental temperature	-25 °C ... 90 °C
Degree of protection (IP), mounted	IP67
Pollution degree	3
Materials	
Housing material / Molded body	PBT
Contact bearer material	PBT
Contact material	CuZn
Contact material - Surface refinement	pre-coppered, CuSnZn
Knurled screw / nut material	stainless steel
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

**Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M12 Connectors: M12 Circular connector acc. to IEC 61076-2-101: M12 Field Attachable Connectors: Field Attachable M12 Connectors - Stainless Steel Types**

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<b>Rated voltage (Value)</b>	63 V
<b>Test voltage</b>	1.5 kV eff./60 s
<b>Insulation resistance</b>	> 1 GΩ
<b>Approvals</b>	
<b>Approvals</b>	UL

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