


## Product information

### Field Attachable M12 Connectors - Standard Type - RKC 8/9

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 - Standard Type

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Name	
Field Attachable M12 Connectors - Standard Type	
	
Field attachable connector, M12 female connector, straight version, with threaded joint, assembling with screw terminals	
Delivery informations	
Availability	available
Product description	
Type	RKC 8/9
Order No.	44995
Description	Field attachable connector, M12 female connector, straight version, with threaded joint, assembling with screw terminals
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
LED display present	✘
Connectable conductor cross-section multiple wire (without sleeve)	max. 0.50 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-nickeled and gold-plated
Knurled screw / nut material	CuZn, nickel-plated
Sealing material	FKM
Electrical data	
Contact resistance	≤ 5 mΩ
Rated current I <sub>n</sub>	2 A at 40°C, UL and notice derating
Nominal voltage	30 V
Rated voltage (Value)	36 V
Test voltage	0.9 kV eff./60 s
Insulation resistance	> 1 GΩ
Approvals	
Approvals	UL

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