


## Product information

### Field Attachable M12 Connectors - Shieldable Types - RKCS 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 - Shieldable Types

[https://www.e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256304-58429-58478-59478/en/RKC-SS\\_559/ui/state](https://www.e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256304-58429-58478-59478/en/RKC-SS_559/ui/state)

Name	
Field Attachable M12 Connectors - Shieldable Types	
	
Field attachable connector, M12 female connector, straight version, with threaded joint, shieldable, assembling with screw terminals.	
Delivery informations	
Availability	available
Product description	
Type	RKCS 5/9
Order No.	56439
Description	Field attachable connector, M12 female connector, straight version, with threaded joint, shieldable, assembling with screw terminals.
Number of contacts	5
Color of housing	silver
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>
Screw joint for cable for external cable diameter	4 mm ... 9 mm
Environmental conditions	
Environmental temperature	-25 °C ... 90 °C
Degree of protection (IP), mounted	IP67
Pollution degree	3
Materials	
Housing material / Molded body	GD-ZnAl, pre-coppered and nickel-plated
Contact bearer material	PBT
Contact material	CuZn
Contact material - Surface refinement	pre-coppered, CuSnZn
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
Rated voltage (Value)	63 V
Test voltage	1.0 kV eff./60 s
Insulation resistance	> 1 GΩ



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 - Shieldable Types

[https://www.e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256304-58429-58478-59478/en/RKC-SS\\_559/ui.state](https://www.e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256304-58429-58478-59478/en/RKC-SS_559/ui.state)

### Scope of delivery and accessories

Accessories to order separately	DMWKZ
---------------------------------	-------

#### Belden Deutschland GmbH

Im Gewerbepark 2  
58579 Schalksmühle  
Germany  
Phone: +49 7127/14-1806  
E-Mail: [icos-sales@belden.com](mailto:icos-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.