


## Product information

### RKMCW 3

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M8 Connectors: Attachable M8 Connectors: female connector: with threaded joint - with solder connections or with screw terminals: RKMCW 3

<https://www.e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256303-250396-250398-250401-250519/en/conf/ulistate>

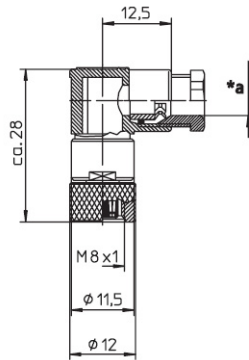
|   |  |
|---|--|
| <b>Name</b>   | <b>RKMCW 3</b>   |
|   |   |
|   | Field attachable connector, M8 female right angle connector with threaded joint, assembling with solder connections, 3 poles |
| <b>Delivery informations</b>  |  |
| <b>Availability</b>   | available  |
| <b>Product description</b>  |  |
| <b>Type</b>   | RKMCW 3  |
| <b>Order No.</b>  | 69542  |
| <b>Description</b>  | Field attachable connector, M8 female right angle connector with threaded joint, assembling with solder connections, 3 poles |
| <b>Note</b>   | The application of these products in harsh environments should always be checked before use.                                 |
| <b>Number of contacts</b>   | 3  |
| <b>Color of housing</b>   | black  |
| <b>Product characteristics</b>  | Oil resistance   |
| <b>Classification</b>   |  |
| <b>Belden brand</b>   | Lumberg-Automation   |
| <b>Mechanical data</b>  |  |
| <b>Type of plug-in contact</b>  | Female connector   |
| <b>Design of housing</b>  | angled   |
| <b>Thread</b>   | M8   |
| <b>Design of electrical connection</b>                                    | solder connection  |
| <b>Connectable conductor cross-section multiple wire (without sleeve)</b> | max. 0.25 mm <sup>2</sup>  |
| <b>LED display present</b>  | ✘  |
| <b>Environmental conditions</b>   |  |
| <b>Environmental temperature</b>  | -40 °C ... 85 °C   |
| <b>Degree of protection (IP), mounted</b>                                 | IP67   |
| <b>Pollution degree</b>   | 3  |
| <b>Materials</b>  |  |
| <b>Housing material / Molded body</b>                                     | PBT  |
| <b>Contact bearer material</b>  | PA   |
| <b>Contact material</b>   | CuSn   |
| <b>Contact material - Surface refinement</b>                              | gold-plated  |
| <b>Knurled screw / nut material</b>                                       | CuZn, nickel-plated  |
| <b>Sealing material</b>   | FKM  |
| <b>Electrical data</b>  |  |
| <b>Contact resistance</b>   | ≤ 3 mΩ   |
| <b>Rated current I<sub>n</sub></b>  | 4 A at 40°C  |
| <b>Nominal voltage</b>  | 60 V   |
| <b>Rated voltage</b>  | 63 V   |
| <b>Test voltage</b>   | 0.9 kV eff./60 s   |
| <b>Insulation resistance</b>  | > 1 GΩ   |

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Picture

Drawing



\*a Kabelverschraubung  
Screw joint for cable

**3-polig**  
**3 poles**



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