



Product information
Field Attachable M12 Connectors -
Stainless Steel Types -RKCN 5/7
46897

| Name | |
|--|---|
| 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 | RKCN 5/7 |
| Order No. | 46897 |
| 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 ² |
| connectable conductor cross-section multiple wire (with sleeve) | 0.14 mm ² mm ² |
| Screw joint for cable for external cable diameter | 3.0 mm ... 6.5 mm |
| Screwed cable gland, connecting thread | SW 15 |
| 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 _n | 4 A at 40°C, UL and notice derating |
| Nominal voltage | 60 V |

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