

## Product information

### M12 Receptacle connector, front mounting, with stranded wire - RKFM 4/0,5 M

Industrial Connecting Solutions:Circular Connectors:M8 - M12 Connectors:M12 Connectors:M12 Circular connector acc. to IEC 61076-2-101:M12 Receptacle Connectors:M12 Receptacle connector, front mounting, with stranded wire

<http://www.e-catalog.beldensolutions.com/link/57078-24228-256281-256292-256304-58429-58480-76078/en/RKG-04-xM-16/ui/state>

Name M12 Receptacle connector, front mounting, with stranded wire



Receptacle connector, for front mounting, M12 female connector, assembled stranded wire, solder contacts potted with epoxy, 4 poles, A coding, chassis side thread M16 x 1.5 (panel nut RSKFM 16).

#### Delivery informations

Availability available

#### Product description

Type RKFM 4/0,5 M

Order No. 26129

Description Receptacle connector, for front mounting, M12 female connector, assembled stranded wire, solder contacts potted with epoxy, 4 poles, A coding, chassis side thread M16 x 1.5 (panel nut RSKFM 16).

Number of contacts 4

Color of housing silver

Product characteristics Oil resistance

#### 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 stranded wire

Coding of the M12 round plug connector A

LED display present **X**

#### Environmental conditions

Environmental temperature -25 °C ... 80 °C

Degree of protection (IP), mounted IP67

Pollution degree 3

#### Materials

Housing material / Molded body CuZn, nickel-plated

Contact material CuSn

Contact material - Surface refinement pre-nickeled and 0.3 microns gold-plated

Sealing material FKM

#### Electrical data

Contact resistance  $\leq 5 \text{ m}\Omega$

Rated current  $I_n$  4 A at 40°C, UL and notice derating

Nominal voltage 240 V

Rated voltage 250 V

Test voltage 2.0 kV eff./60 s

Insulation resistance  $> 1 \text{ G}\Omega$

#### Approvals

Approvals UL

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