



**Product information**  
**M12 Receptacle connector, front mounting, with stranded wire - RSFPM 8/0,5 M**  
**26157**

|                                        |  |                                                                                                                                                                                                                       |
|----------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                                   |  | M12 Receptacle connector, front mounting, with stranded wire                                                                                                                                                          |
|                                        |  |                                                                                                                                      |
|                                        |  | Receptacle connector, for front mounting, M12 male connector, assembled stranded wire, solder contacts potted with epoxy, with adjustable nut, 8 poles, A coding, chassis side thread M16 x 1.5 (panel nut RSKFM 16). |
| Delivery informations                  |  |                                                                                                                                                                                                                       |
| Availability                           |  | available                                                                                                                                                                                                             |
| Product description                    |  |                                                                                                                                                                                                                       |
| Type                                   |  | RSFPM 8/0,5 M                                                                                                                                                                                                         |
| Order No.                              |  | 26157                                                                                                                                                                                                                 |
| Description                            |  | Receptacle connector, for front mounting, M12 male connector, assembled stranded wire, solder contacts potted with epoxy, with adjustable nut, 8 poles, A coding, chassis side thread M16 x 1.5 (panel nut RSKFM 16). |
| Number of contacts                     |  | 8                                                                                                                                                                                                                     |
| Color of housing                       |  | silver                                                                                                                                                                                                                |
| Product characteristics                |  | Oil resistance                                                                                                                                                                                                        |
| Classification                         |  |                                                                                                                                                                                                                       |
| Belden brand                           |  | Lumberg-Automation                                                                                                                                                                                                    |
| Eclass-ID                              |  | 27260702                                                                                                                                                                                                              |
| Mechanical data                        |  |                                                                                                                                                                                                                       |
| Type of plug-in contact                |  | Male connector                                                                                                                                                                                                        |
| Design of housing                      |  | straight                                                                                                                                                                                                              |
| Thread                                 |  | M12                                                                                                                                                                                                                   |
| Design of electrical connection        |  | stranded wire                                                                                                                                                                                                         |
| Coding of the M12 round plug connector |  | A                                                                                                                                                                                                                     |
| LED display present                    |  | ✗                                                                                                                                                                                                                     |
| 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                       |  | CuZn                                                                                                                                                                                                                  |
| Contact material - Surface refinement  |  | pre-nickel and 0.8 microns gold-plated                                                                                                                                                                                |
| Sealing material                       |  | FKM                                                                                                                                                                                                                   |
| Electrical data                        |  |                                                                                                                                                                                                                       |
| Contact resistance                     |  | ≤ 5 mΩ                                                                                                                                                                                                                |
| Rated current In                       |  | 1.5 A at 40°C, UL and notice derating                                                                                                                                                                                 |
| Nominal voltage                        |  | 30 V                                                                                                                                                                                                                  |
| Rated voltage                          |  | 36 V                                                                                                                                                                                                                  |
| Test voltage                           |  | 1.5 kV eff./60 s                                                                                                                                                                                                      |
| Insulation resistance                  |  | > 1 GΩ                                                                                                                                                                                                                |
| Approvals                              |  |                                                                                                                                                                                                                       |
| Approvals                              |  | UL                                                                                                                                                                                                                    |

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