

Product information

M12 Receptacle connector, panel feed through - FWD 5B - FWD 5B

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, panel feed through - FWD 5B

<https://www.e-catalog.beldensolutions.com:443/link/57078-24228-256281-256292-256304-58429-58480-76378/en/conf/ui/state>

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|---|---|
| Name | M12 Receptacle connector, panel feed through - FWD 5B |
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| | Receptacle connector, M12 male connector to M12 female connector – especially designed for use as panel feed through –, 5 poles, B coding (suitable for PROFIBUS) |
| Delivery informations | |
| Availability | available |
| Product description | |
| Type | FWD 5B |
| Order No. | 54217 |
| Description | Receptacle connector, M12 male connector to M12 female connector – especially designed for use as panel feed through –, 5 poles, B coding (suitable for PROFIBUS) |
| Number of contacts | 5 |
| Classification | |
| Belden brand | Lumberg-Automation |
| Mechanical data | |
| Type of plug-in contact | Male connector |
| Design of housing | straight |
| Thread | M12 |
| Design of electrical connection | connector M12 |
| Coding of the M12 round plug connector | B |
| 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 bearer material | PA 66 |
| Contact material | CuZn |
| Contact material - Surface refinement | pre-nickeled and 0.8 microns gold-plated |
| Sealing material | FKM |
| Electrical data | |
| Contact resistance | ≤ 5 mΩ |
| Rated current In | 4 A at 40°C, UL and notice derating |
| Nominal voltage | 60 V |
| Test voltage | 1.5 kV eff./60 s |
| Insulation resistance | > 1 GΩ |

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