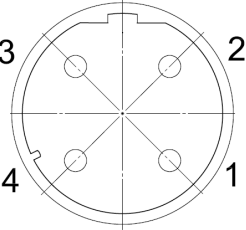
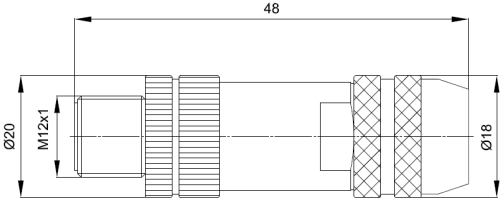


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| General Characteristics                    | Standard      | Characteristics                                                                                                                                      |
|--------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of contacts                         |               | 4                                                                                                                                                    |
| View on termination side of contact insert |               |                                                                    |
| Electrical Characteristics                 |               |                                                                                                                                                      |
| Rated voltage                              | EC 60664-1    | 300 V -                                                                                                                                              |
| Rated voltage                              | UL 1977       | 250 V                                                                                                                                                |
| Rated impulse withstand voltage            | EC 60664-1    | 1500 V                                                                                                                                               |
| Pollution degree                           | EC 60664-1    | 1                                                                                                                                                    |
| Installation category                      | EC 60664-1    | I                                                                                                                                                    |
| Insulation group                           | EC 60664-1    | II, 400 < CTI < 600                                                                                                                                  |
| Current rating                             | EC 60512-5-2  | 5 A / + 40 °C / + 104 °F                                                                                                                             |
| Insulation resistance                      | EC 60512-3-1  | >10 <sup>10</sup> Ω                                                                                                                                  |
| Contact resistance                         | EC 60512-2-1  | < 5 m Ω                                                                                                                                              |
| Climatic Characteristics                   |               |                                                                                                                                                      |
| Climatic category                          | EC 60668-1    | 40 / 100 / 56                                                                                                                                        |
| Temperature range                          | EC 60668-1    | - 40 °C ... + 100 °C / - 40 °F ... + 212 °F                                                                                                          |
| Mechanical Characteristics                 |               |                                                                                                                                                      |
| IP-degree                                  | EC 60529      | IP 67 / IP 65                                                                                                                                        |
| Insertion and withdrawal forces            | EC 60512-13-2 | 50 N 180.OZ                                                                                                                                          |
| Mechanical operation                       | EC 60512      | 500 mating cycles                                                                                                                                    |
| Materials                                  |               |                                                                                                                                                      |
| Housing material                           |               | die cast, nickel plated                                                                                                                              |
| Dielectric material                        |               | thermoplastic                                                                                                                                        |
| Sealing material                           |               | neoprene                                                                                                                                             |
| Contact plating                            |               | silver plated                                                                                                                                        |
| Further Characteristics                    |               |                                                                                                                                                      |
| Termination technique                      |               | screw                                                                                                                                                |
| Wire gauge                                 |               | crimp: 2 - 6 pol (excluding 5S): 0,09 - 1,00 mm <sup>2</sup> / 28 - 18 AWG<br>crimp: 5S, 7, 7S and 8-pol.: 0,09 - 0,75 mm <sup>2</sup> / 28 - 20 AWG |
| Flammability                               |               | UL 94 V0                                                                                                                                             |
| Locking system                             | EC 60130-9    | metal screw coupling; tightening torque 0,5 - 0,7 Nm                                                                                                 |
| UL                                         | UL 1977       | Conditions of acceptability                                                                                                                          |

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| Description                                                                                             | Drawing                                                                           |                                                                                    |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Male cable connector, straight, for cable diameter 6-8 mm, termination: screw, contact plating: silver. |  |  |