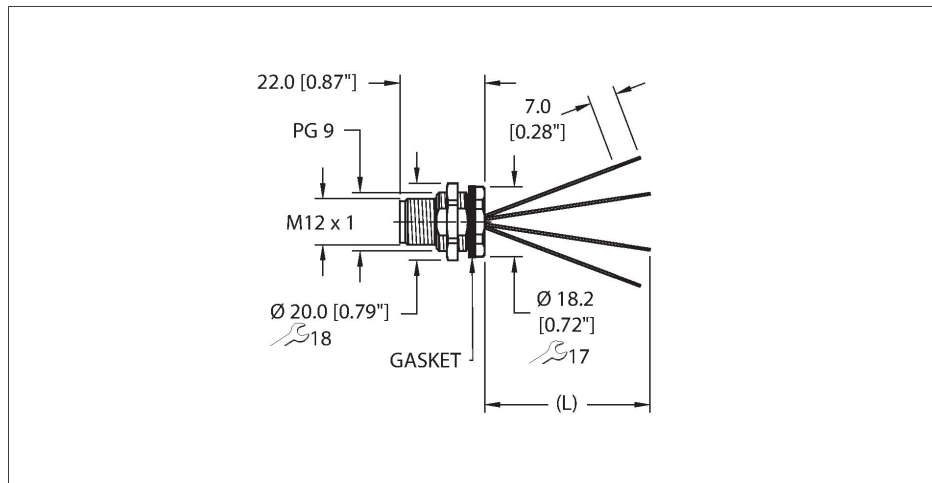


# ERSBG-A4.400.2-x

## Actuator and Sensor Receptacle – Front-mounted



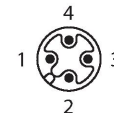
### Features



- M12 female connector, straight, 5-pin
- M12 female connector, straight, 5-pin

### Contact assignment

#### Connector A



### Diagram

|   |    |
|---|----|
| 1 | BN |
| 2 | WH |
| 3 | BU |
| 4 | BK |

### Technical data

|                                        |                                                              |
|----------------------------------------|--------------------------------------------------------------|
| <b>Type</b>                            | ERSBG-A4.400.2-x                                             |
| <b>Ident. no.</b>                      | 777043124                                                    |
| <b>Connector A</b>                     | Male, M12 × 1, A-code                                        |
| <b>Design specification</b>            | acc. to IEC 61076-2-101                                      |
| <b>Number of pins</b>                  | 4                                                            |
| <b>Contacts</b>                        | Bronze, CuSn, Gold-plated                                    |
| <b>Contact carriers</b>                | Plastic, TPU, Black                                          |
| <b>Flange housing</b>                  | Brass, CuZn, nickel-plated                                   |
| <b>Mounting type</b>                   | backplane mounting                                           |
| <b>Screw-in thread seal</b>            | Seal, NBR                                                    |
| <b>Screw-in thread</b>                 | PG9                                                          |
|                                        | BrassCuZnNickel-plated                                       |
| <b>Mechanical lifespan</b>             | > 100 Mating cycles                                          |
| <b>Pollution degree</b>                | 3                                                            |
| <b>Protection class</b>                | IP67, IP68, IP69K                                            |
|                                        | NEMA: 1, 3, 4, 6P, 12                                        |
| <b>Tightening torque (range)</b>       | 0.4 ... 1.8 Nm<br>(observe max. torque of mating connector!) |
|                                        | 4                                                            |
| <b>Conductor material</b>              | ?                                                            |
| <b>Core insulation</b>                 | PVC                                                          |
| <b>Core cross-section</b>              | 22 AWG [Similar to 0.34 mm <sup>2</sup> ]                    |
| <b>Core colors</b>                     | BN, WH, BU, BK                                               |
| <b>Electrical properties at +20 °C</b> |                                                              |
|                                        | 300 V <sub>DC</sub> /250 V <sub>AC</sub>                     |
| <b>Current</b>                         | 4 A                                                          |

Technical data

| Mechanical and chemical properties                                           |                                              |
|------------------------------------------------------------------------------|----------------------------------------------|
| Stationary                                                                   | -40 °C...+105 °C                             |
| Approval                                                                     |                                              |
| Approvals                                                                    | UL 2238<br>CSA C22.2 No. 182.3<br>CE<br>RoHS |
| Note                                                                         |                                              |
| - We reserve the right to make technical modifications without prior notice. |                                              |