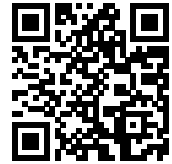


# ZS2020-4711 | M12, power, field assembly, plug, straight, male, 4-pin, T-coded, IP67

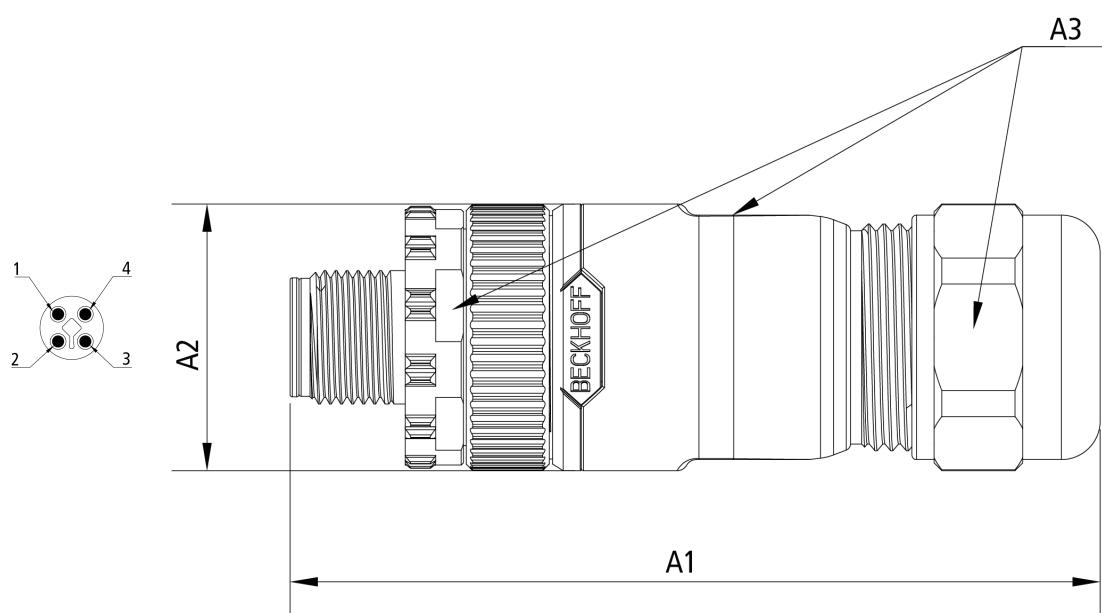


M12, plug, straight, male, 4-pin, T-coded



| Electrical data                       |                                             |
|---------------------------------------|---------------------------------------------|
| Rated voltage                         | 63 V AC/DC                                  |
| Rated current                         | 12 A at 40°C (according to IEC 61076-2-111) |
| Contact resistance                    | < 10 mΩ                                     |
| Insulation resistance                 | ≥ 100 MΩ                                    |
| Mechanical data                       |                                             |
| Accessories type                      | Connectors/Cables                           |
| Installation size                     | M12                                         |
| Connector type                        | plug                                        |
| Configuration                         | straight                                    |
| Contact type                          | male                                        |
| Number of positions (face)            | 4-pin                                       |
| Coding                                | T-coded                                     |
| Wire termination                      | screw connection                            |
| Recommended torque, nut               | 0.6 Nm                                      |
| Recommended torque, screw termination | 0.2 Nm                                      |

|                                 |                                                                            |
|---------------------------------|----------------------------------------------------------------------------|
| Mating cycles                   | ≥ 100                                                                      |
| Body color                      | black                                                                      |
| Flange housing material         | PA 66 UL 94 HB                                                             |
| Coupling nut material           | PA                                                                         |
| Contact material                | brass/gold plated                                                          |
| Max. wire cross-section         | AWG20...AWG12 (0.75 mm <sup>2</sup> ...2.50 mm <sup>2</sup> )              |
| Stripping length                | 4...5 mm                                                                   |
| Max. cable outer diameter       | 8.0...12 mm                                                                |
| <b>Environmental data</b>       |                                                                            |
| RoHS compliant                  | yes                                                                        |
| Ambient temperature (operation) | -25...+85°C, -13...+185°F                                                  |
| Protection rating               | IP67                                                                       |
| UL                              | no, UL certification in preparation                                        |
| Application Note                | Robust and high power transmission up to 12 A and 63 V for DC applications |

**Dimensions**

|    |         |
|----|---------|
| A1 | ~70 mm  |
| A2 | Ø 24 mm |
| A3 | AF22    |

**Notes**

- Illustrations similar

## Ordering information

|             |                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------|
| ZS2020-4711 | M12, plug, field assembly, straight, male, 4-pin, T-coded, 0.5...2.5 mm <sup>2</sup> , Ø 8...12 mm |
|-------------|----------------------------------------------------------------------------------------------------|

## Accessories

|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| ZB8801-0000 | torque wrench for hexagonal plugs, adjustable                               |
| ZB8801-0004 | Torque cable key, M12 (field assembly Power)wrench size 22, for ZB8801-0000 |



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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