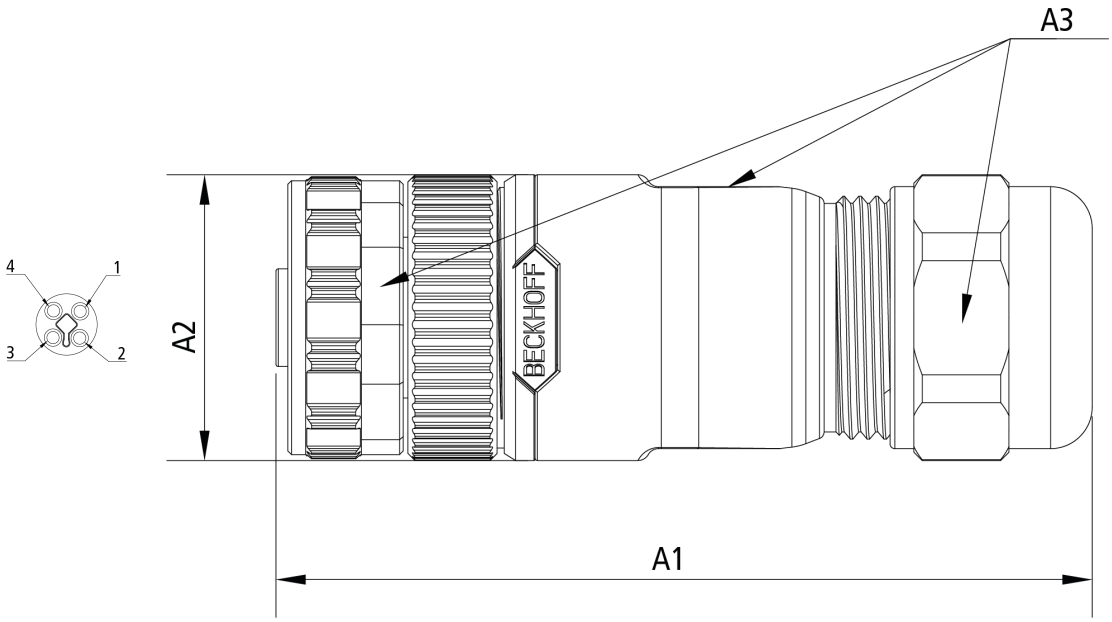
# ZS2020-4721 | M12, power, field assembly, socket, straight, female, 4-pin, T-coded, IP67

## M12, socket, straight, female, 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 | socket |
| Configuration | straight |
| Contact type | female |
| 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 mm²...2.50 mm²) |
| Stripping length | 4...5 mm |
| Max. cable outer diameter | 8.0...12 mm |
| **Environmental data** | |
| RoHS compliant | yes |
| Ambient temperature (operation) | -25...+80°C, -13...+176°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 | ~68 mm |
| A2 | Ø 24 mm |
| A3 | AF22 |

## Notes

- Illustrations similar

| Ordering information | |
|---|---|
| ZS2020-4721 | M12, socket, field assembly, straight, female, 4-pin, T-coded, 0.5...2.5 mm², 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 |

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