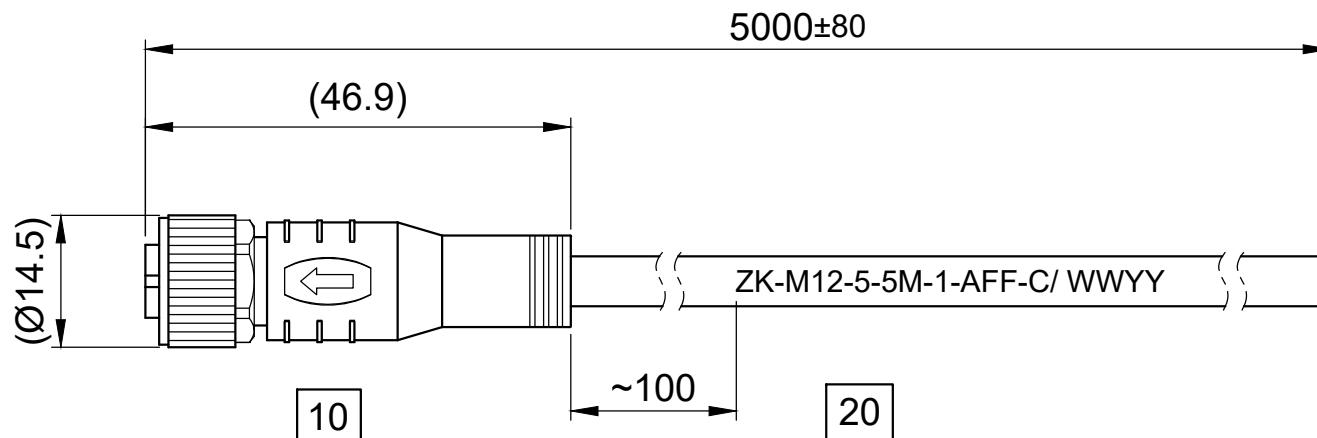


| 20                          | CABLE SPECIFICATION |                 |
|-----------------------------|---------------------|-----------------|
| Cable Length                | mm                  | 5000            |
| Cable Diameter              | mm                  | 6.35            |
| Cable Material              |                     | PVC             |
| Cable Color                 |                     | Grey            |
| Conductor Insulation        |                     | n.a.            |
| Conductor / Cross - Section |                     | 2x 2x AWG24/ 20 |
| UL Type                     |                     | CMP (FT6)       |
| Shielded                    |                     | Yes             |
| Bending Radius (flexible)   |                     | Min. 15 x Ø     |
| Bending Radius (stationary) |                     | Min. 12 x Ø     |
| GENERAL SPECIFICATION       |                     |                 |
| Rated Current               | A                   | 2/4 (AWG24/20)  |
| Rated Voltage               | V AC/DC             | 60              |
| Insulation Resistance       | MΩ                  | ≥100            |
| Ambient Temperature         | °C                  | -25...+75       |
| Storage Temperature         | °C                  | -40...+75       |

| ISO 8015 |           | ISO 1302 |      | ISO 2768 cK                                                                           |            | ISO 13715       |  |                     |  | Weight: ±10% 0.36 kg                                                                  |  |
|----------|-----------|----------|------|---------------------------------------------------------------------------------------|------------|-----------------|--|---------------------|--|---------------------------------------------------------------------------------------|--|
|          |           |          |      |                                                                                       | Date       | Name            |  | ZK-M12-5-5M-1-AFF-C |  |                                                                                       |  |
|          |           |          |      | Drawn                                                                                 | 20.05.2025 | Schneid_A       |  |                     |  |                                                                                       |  |
|          |           |          |      | Reviewed                                                                              | 17.02.2026 | Reith_S         |  |                     |  |                                                                                       |  |
|          |           |          |      | Released                                                                              | 17.02.2026 | Reith_S         |  |                     |  |                                                                                       |  |
|          |           |          |      |  |            | 20002997        |  |                     |  | A4 Page 1                                                                             |  |
| REV      | Rev. Text | Name     | Date |                                                                                       |            | State: Released |  |                     |  |                                                                                       |  |
|          |           |          |      |                                                                                       |            | Rev: 00         |  | CONFIDENTIAL        |  |  |  |

| 10                                          | CONNECTOR A               |            |
|---------------------------------------------|---------------------------|------------|
| M12 / 5-Pole / A-Coding / female / straight |                           |            |
| Contact Resistance                          | mΩ                        | ≤5         |
| Contact Material                            | Brass, Gold-Plated        |            |
| Contact Carrier Material                    | n.a.                      |            |
| Connector Body Material                     | TPU                       |            |
| Coupling ( Nut / Screw)                     | Zinc alloy, Nickel-Plated |            |
| O-Ring Material                             | FKM                       |            |
| Protection Class                            | IP67 (locked Condition)   |            |
| Pin No.                                     |                           | Color      |
| 1                                           |                           | Drain      |
| 2                                           |                           | RD (AWG20) |
| 3                                           |                           | BK (AWG20) |
| 4                                           |                           | WH (AWG24) |
| 5                                           |                           | BU (AWG24) |
| Coupling                                    |                           | Braid      |

twisted

twisted