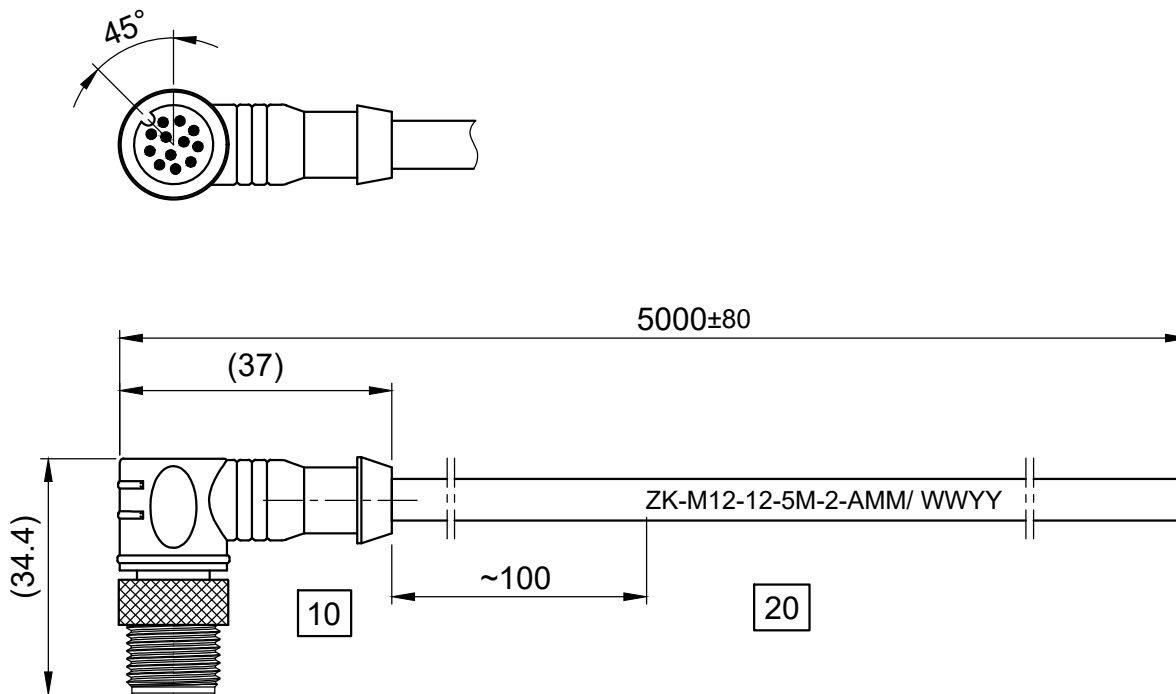




| 10                                       | CONNECTOR A             |               |
|------------------------------------------|-------------------------|---------------|
| M12 / 12-Pole / A-Coding / male / angled |                         |               |
| Contact Resistance                       | mΩ                      | ≤5            |
| Contact Material                         | Brass, Gold-Plated      |               |
| Contact Carrier Material                 | n.a.                    |               |
| Connector Body Material                  | TPU                     |               |
| Coupling ( Nut / Screw)                  | Brass, Nickel-Plated    |               |
| O-Ring Material                          | FKM                     |               |
| Protection Class                         | IP67 (locked Condition) |               |
| Pin No.                                  |                         | Color         |
| 1                                        |                         | WH            |
| 2                                        |                         | BN            |
| 3                                        |                         | GN            |
| 4                                        |                         | YE            |
| 5                                        |                         | GY            |
| 6                                        |                         | PK            |
| 7                                        |                         | BU            |
| 8                                        |                         | RD            |
| 9                                        |                         | OG            |
| 10                                       |                         | tyrian purple |
| 11                                       |                         | BK            |
| 12                                       |                         | VT            |
| Coupling                                 |                         | Braid         |

| 20                          | CABLE SPECIFICATION |             |
|-----------------------------|---------------------|-------------|
| Cable Length                | mm                  | 5000        |
| Cable Diameter              | mm                  | 6.0         |
| Cable Material              |                     | PUR         |
| Cable Color                 |                     | Black       |
| Conductor Insulation        |                     | n.a.        |
| Conductor / Cross - Section |                     | 12 x AWG26  |
| UL Type                     |                     | UL 20549    |
| Shielded                    |                     | Yes         |
| Bending Radius (flexible)   |                     | Min. 15 x Ø |
| Bending Radius (stationary) |                     | Min. 12 x Ø |

| GENERAL SPECIFICATION |         |           |
|-----------------------|---------|-----------|
| Rated Current         | A       | 1.5       |
| Rated Voltage         | V AC/DC | 30        |
| Insulation resistance | MΩ      | ≥100      |
| Ambient temperature   | °C      | -25...+85 |
| Storage temperature   | °C      | -40...+85 |

|          |           |          |      |                                                                                       |            |           |  |                    |  |  |  |                     |  |
|----------|-----------|----------|------|---------------------------------------------------------------------------------------|------------|-----------|--|--------------------|--|--|--|---------------------|--|
| ISO 8015 |           | ISO 1302 |      | ISO 2768 cK                                                                           |            | ISO 13715 |  |                    |  |  |  | Weight: ±10% 0.28 k |  |
|          |           |          |      |                                                                                       | Date       | Name      |  | ZK-M12-12-5M-2-AMM |  |  |  |                     |  |
|          |           |          |      | Drawn                                                                                 | 06.05.2025 | Schneid_A |  |                    |  |  |  |                     |  |
|          |           |          |      | Reviewed                                                                              | 17.02.2026 | Reith_S   |  |                    |  |  |  |                     |  |
|          |           |          |      | Released                                                                              | 17.02.2026 | Reith_S   |  |                    |  |  |  |                     |  |
|          |           |          |      |  |            |           |  | 20002968           |  |  |  | A4 Page             |  |
| REV      | Rev. Text | Name     | Date |                                                                                       |            |           |  | State: Released    |  |  |  |                     |  |