



| 10 | | CONNECTOR A | |
|---|-------------------------|--------------|--|
| M12 / 5-Pole / A-Coding / male / straight | | △ | |
| Contact Resistance | mΩ | ≤5 | |
| Contact Material | Brass, Gold-Plated | | |
| Contact Carrier Material | PA | | |
| Connector Body Material | TPU | | |
| Coupling (Nut / Screw) | Brass, Nickel-Plated | | |
| O-Ring Material | FKM | | |
| Protection Class | IP67 (locked Condition) | | |
| | Pin No. | Color | |
| | 2 | BN | |
| | 1 | WH | |
| | 4 | BU | |
| | 5 | BK | |
| | 3 | GY | |
| | Coupling | Braid | |

| 30 | | CONNECTOR B | |
|--|-------------------------|--------------|--|
| M8 / 5-Pole / B-Coding / female / straight | | | |
| Contact Resistance | mΩ | ≤5 | |
| Contact Material | Brass, Gold-Plated | | |
| Contact Carrier Material | PA | | |
| Connector Body Material | TPU | | |
| Coupling (Nut / Screw) | Brass, Nickel-Plated | | |
| O-Ring Material | FKM | | |
| Protection Class | IP67 (locked Condition) | | |
| | Pin No. | Color | |
| | 1 | BN | |
| | 2 | WH | |
| | 3 | BU | |
| | 4 | BK | |
| | 5 | GY | |
| | Coupling | Braid | |

| 20 | | | CABLE SPECIFICATION | | |
|-----------------------------|-------------|-----|---------------------|--|--|
| Cable Length | mm | 200 | | | |
| Cable Diameter | mm | 5.5 | | | |
| Cable Material | PUR | | | | |
| Cable Color | Black | | | | |
| Conductor Insulation | PVC | | | | |
| Conductor / Cross - Section | 5x AWG24 | | | | |
| 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 | 3 |
| Rated Voltage | VAC/DC | 30 |
| Insulation resistance | MΩ | ≥100 |
| Ambient temperature | -10°C...+80°C | |

| ISO 8015 | ISO 1302 | ISO 2768 cK | ISO 13715 |
|----------|---------------------|-------------|------------|
| | | | |
| | | Drawn | Date |
| | | Checked | Name |
| 02 | correct coding | Schneid_A | 12.02.2019 |
| 01 | new, revise drawing | Schneid_A | 28.11.2018 |
| REV | Rev. Text | Name | Rel. Date |

| | | | |
|----------------------------|--|-----------------|--|
| | | Weight: 0.03 kg | |
| ZK-M12M-M8F-5-200-S | | | |
| 14200049 | | - | |
| State: Released | | A4-Q | |
| Rev: 02 | | P | |

