



| 10 | | CONNECTOR A | |
|---|-------------------------|--------------|--|
| M12 / 5-Pole / B-Coding / male / angled | | | |
| Contact Resistance | mΩ | ≤5 | |
| Contact Material | Brass, Gold-Plated | | |
| Contact Carrier Material | - | | |
| Connector Body Material | TPU | | |
| Coupling (Nut / Screw) | Brass, Nickel-Plated | | |
| O-Ring Material | - | | |
| 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 | 2000 |
| Cable Diameter | mm | 5.5 |
| Cable Material | PUR | |
| Cable Color | Black | |
| Conductor Insulation | PVC | |
| Conductor / Cross - Section | 5x AWG22 | |
| 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 | 4 |
| Rated Voltage | VAC/DC | 60 |
| Insulation resistance | MΩ | ≥100 |
| Ambient temperature | -10°C...+80°C | |

| ISO 8015 | | ISO 1302 | | ISO 2768 cK | | ISO 13715 | | Weight: ---- kg | |
|----------|-------------------|-----------|------------|--------------------------------|-----------|-----------|--------------------------|-----------------|--|
| | | | | Date | Name | | ZK-M12-5-2M-2-BMM | | |
| | | | | Drawn | Schneid_A | | | | |
| | | | | Reviewed | Reith_S | | | | |
| | | | | Released | Reith_S | | | | |
| 01 | correct dimension | Schneid_A | 08.11.2023 | Nanotec PLUG & DRIVE | | 20001796 | | A4 Page 1 | |
| REV | Rev. Text | Name | Date | | | | | | |
| | | | | State: Released | | Rev: 01 | | CONFIDENTIAL | |