



CANopen/DeviceNET cable | M12 socket, straight, 5-pin – M12 plug, angled, 5-pin

| Electrical data | ZK1052-6154-3xxx |
|-----------------------|---|
| Rated voltage | 160 V (according to IEC 61076-2-101) |
| Rated current | 4 A at 40 °C (according to IEC 61076-2-101) |
| Insulation resistance | ≥ 20 MΩ*km |
| Line capacitance | 39.8 pF/m |
| Nominal impedance | 1 MHz, (120 ±12) Ω |
| Shielding | aluminium-clad foil, braiding of tinned copper wires |
| Attenuation | 1000 kHz: 2.29 dB/100 m 500 kHz: 1.64 dB/100 m 125 kHz: 0.95 dB/100 m |

| Mechanical data | |
|---------------------|---|
| Protection class | IP 67 in screwed condition (according to IEC 60529) |
| Ambient temperature | -20 °C...+80 °C (according to IEC 60644-1) |
| Insertion cycles | ≤ 100 (according to IEC 60512-9a) |
| Contamination level | 3/2 (according to IEC 60664-1) |

| Mechanical properties cable | |
|-----------------------------|---|
| Ambient temperature | -20 °C...+80 °C |
| Cable outside diameter | 6.90 ±0.30 mm |
| Bending radius | 10 x D |
| Approbations | UL Style 119100 VOL.1 SEC.17 Page 4 |
| Material properties | flame-resistant as per UL 1685 (CSA FT 4), oil-resistant as per 1581 Sec. 480 (60°) |
| Wire pair 1 | 19 x 0.13 mm, WH/BU |
| Wire pair 2 | 19 x 0.16 mm, RD/BK |

| Materials | |
|----------------------|--------------------------|
| Contact material | CuZn |
| Contact surface | Ni, Au gal. |
| Contact carrier/body | TPU GF, UL 94/TPU, UL 94 |
| Coupling screw/nut | CuZn, Ni |
| Seal | FPM |
| Cable | PVC, 4-wire, grey |

| Ordering information | Cable length |
|----------------------|--------------|
| ZK1052-6154-3020 | 2.00 m |