



ENGLISH

M12/M8 Connectivity

Food & Beverage Range

M12, 4 pole, 0°, male to M8, 4 pole, 0°, female connector lead for the Food & Beverage Industry

Stock No's 154-7766, 154-7767



Primary Features

V4A Stainless steel hexagonal nut means there are minimum traps for debris to collect

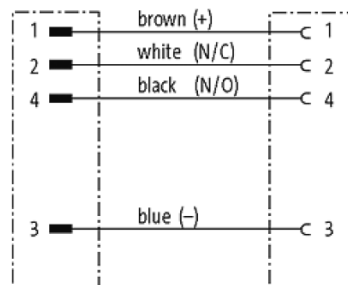
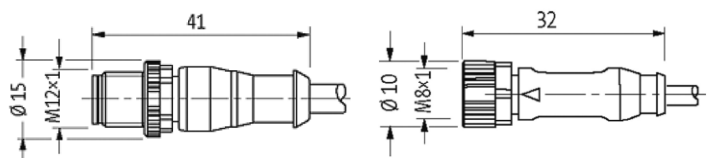
IP65, IP68 when inserted and tightened

CSA and Ecolab approved

Available in lengths:

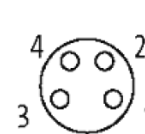
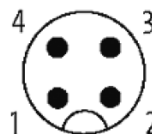
2 Metres (RS 154-7766)

5 Metres (RS 154-7767)



Male

Female





Cable

154-7766, 154-7767

| | |
|------------------------------------|------------------------------------------------|
| Cable identification | 211 |
| Cable type | 1 (PVC) |
| Approval (cable) | UL (AWM-Style 2464/1731), CSA |
| Cable weight [g/m] | 34,76 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 79 Ohm/km (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 14 × 0.15 mm (multi-strand wire class 5) |
| Diameter (core) | 4 × 0.25 mm ² |
| AWG | similar to AWG 24 |
| Material (wire isolation) | PVC |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 45 ±5 D |
| Wire-Ø incl. isolation | 1.25 mm ±5% |
| Color/numbering of wires | br, bk, bl, wh |
| Stranding combination | 4 wires twisted |
| Shield | no |
| Material (jacket) | PVC |
| Material property (jacket) | CFC-, cadmium-, silicone- and lead-free |
| Shore hardness (jacket) | 85 ±5 A |
| Outer-Ø (jacket) | 4.8 mm ±5% |
| Color (jacket) | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| Nominal voltage | UL 300 V AC |
| Test voltage | 2000 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -30...+80 °C |
| Temperature range (mobile) | -5...+80 °C |
| Bend radius (fixed) | 5 × outer Ø |
| Bend radius (moving) | 10 × outer Ø |



Cable *continued*

154-7766, 154-7767

| | |
|-----------------------|--------------------------|
| No./diameter of wires | 4 × 0.25 mm ² |
| Wire isolation | PVC (br, wh, bl, bk) |
| Jacket Color | gray |
| Material (jacket) | PVC (UL/CSA) |

Technical Data

| | |
|-------------------------------------------|------------------------------------------------------------------|
| Operating voltage | max. 30 V AC/DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 4 A |
| No. of poles | 4 |
| Material group | IEC 60664-1, category I |
| Locking of ports | Screw thread M8 × 1 mm (recommended torque 0.4 Nm) self-securing |
| Compression gland | M8 (SW9), M12 (SW13) |
| Protection | IP65, IP66K, IP67, IP68 inserted and tightened (EN 60529) |
| Locking material | Stainless Steel 1.4404 (V4A) |
| Material | PUR |
| suitable for corrugated tube (internal Ø) | M12 (10 mm); M8 (6.5 mm) |
| Mounting method | inserted, tightened |
| Pollution Degree | 3 |
| Stripping length (jacket) | 20 mm |
| Temperature range | -25...+85 °C, depending on cable quality |