



ENGLISH

## M12/M8 Connectivity

Food & Beverage Range

M12, 3 pole, 0°, male to M8, 3 pole, 0°, female connector lead for the Food & Beverage Industry

Stock No's 154-7762, 154-7763



### Primary Features

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

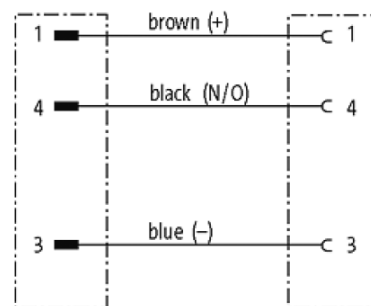
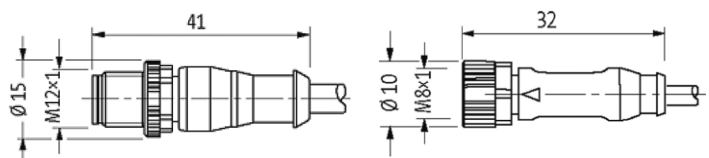
IP65, IP68 when inserted and tightened

CSA and Ecolab approved

Available in lengths:

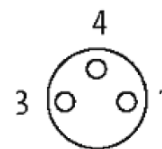
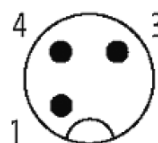
2 Metres (RS 154-7762)

5 Metres (RS 154-7763)



Male

Female





## Cable

154-7762, 154-7763

Cable identification	210
Cable type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	29,37
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)	3 × 0.25 mm <sup>2</sup>
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
Stranding combination	3 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)	4.5 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*

154-7762, 154-7763

No./diameter of wires	3 × 0.25 mm <sup>2</sup>
Wire isolation	PVC (br, bl, bk)
Jacket Color	gray
Material (jacket)	PVC (UL/CSA)
Outer Ø	4.5 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

## Technical Data

Operating voltage	max. 60 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	3
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)
Material	PUR
Locking material	Stainless Steel 1.4404 (V4A)
suitable for corrugated tube (internal Ø)	M12 (10 mm); M8 (6.5 mm)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Stripping length (jacket)	20 mm