



## **M12** Connectivity

Food & Beverage Range

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

Stock No's 154-7756, 154-7757



## **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

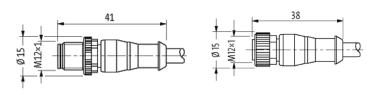
Available in lengths:

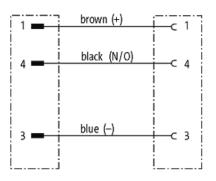
2 Metres (RS 154-7756)

5 Metres (RS 154-7757)









Male Female









Cable	154-7756, 154-7757
No./diameter of wires	3 × 0.34 mm²
Wire isolation	PVC (br, bl, bk)
Material (jacket)	PVC (UL/CSA)
Outer Ø	4.6 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Cable identification	213
Cable type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,10
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 Ohm/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19 × 0.15 mm (multi-strand wire class 5)
Diameter (core)	3 × 0.34 mm²
AWG	similar to AWG 22
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)	4.6 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals





Cable continued	154-7756, 154	-7757
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	
Jacket Color	gray	
Technical Data		
Operating voltage	max. 250 V AC/DC	
Rated surge voltage	2.5 kV	
Operating current per contact	max. 4 A	
Material group	IEC 60664-1, category I	
No. of poles	3	
Coding	A-coded	
Locking of ports	Screw thread M12 × 1 mm (recommended torque 0.6 Nm securing	ı) self-
Compression gland	M12 (SW14)	
Protection	IP65, IP66K, IP67, IP68 inserted and tightened (EN 60529	9)
Locking material	Stainless Steel 1.4404 (V4A)	
suitable for corrugated tube (internal Ø)	10 mm	
Mounting method	inserted, tightened	
Pollution Degree	3	
Stripping length (jacket)	20 mm	_
Temperature range	-25+85 °C, depending on cable quality	