



M12 Connectivity

Food & Beverage Range

M12, 3 pole, 0°, male to M12, 3 pole, 90°, female connector lead for the Food & Beverage Industry

Stock No's 154-7758, 154-7759

Primary Features

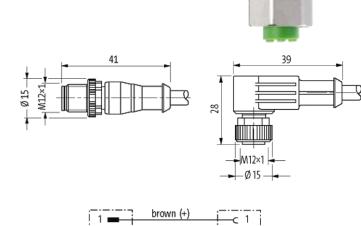
V4A Stainless steel hexagonal nut means there are minimum traps for debris to collect

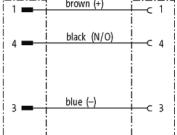
IP65, IP68 when inserted and tightened

CSA and Ecolab approved

Available in lengths: 2 Metres (RS 154-7758) 5 Metres (RS 154-7759)









Female









No./diameter of wires $3 \times 0.34 \text{ mm}^2$ Wire isolationPVC (br, bl, bk)Material (jacket)PVC (UL/CSA)Outer Ø4.6 mm ±5%Bend radius (moving)10 × outer ØTemperature range (fixed)-30+80 °CCable identification213Cable identification213Cable type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34, 10Material (wire)Cu wire, bareResistor (core)max. 60 Ohm/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (jacket)St 5 AOuter-Ø (jacket)85 ± 5 AOuter-Ø (jacket)85 ± 5 AOuter-Ø (jacket)graychemical resistancegrod resistance to oil, gasoline and chemicals	Cable	154-7758, 154-7759
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Resistor (core)max. 60 Ohm/km (20 ° C)Single wire Ø (core)0.15 mmConstruction (core)19 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)gray	Cable weight [g/m]	34,10
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Diameter (core) $3 \times 0.34 \text{ mm}^2$ AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation) $45 \pm 5 \text{ D}$ Wire-Ø incl. isolation $1.25 \text{ mm} \pm 5\%$ Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 $\pm 5 \text{ A}$ Outer-Ø (jacket)4.6 mm $\pm 5\%$ Color (jacket)gray	Single wire Ø (core)	0.15 mm
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Material property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)gray	Shield	no
Shore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)gray	Material (jacket)	PVC
Outer-Ø (jacket)4.6 mm ±5%Color (jacket)gray	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color (jacket) gray	Shore hardness (jacket)	85 ±5 A
	Outer-Ø (jacket)	4.6 mm ±5%
chemical resistance good resistance to oil, gasoline and chemicals	Color (jacket)	gray
	chemical resistance	good resistance to oil, gasoline and chemicals



Cable continued

APPROVED

154-7758, 154-7759

No. of the day of the second	
Nominal voltage	UL 300 V AC
Testvoltage	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 \times 1 mm (recommended torque 0.6 Nm) self-securing
Compression gland	M12 (SW14)
Protection	IP65, IP66K, IP67, IP68 inserted and tightened (EN 60529)
Locking material	Stainless Steel 1.4404 (V4A)
suitable for corrugated tube (internal \emptyset)	10 mm
Mounting method	inserted, tightened
Pollution Degree	3
Stripping length (jacket)	20 mm
Temperature range	-25+85 °C, depending on cable quality