

S2

c 2

C 3

C 4

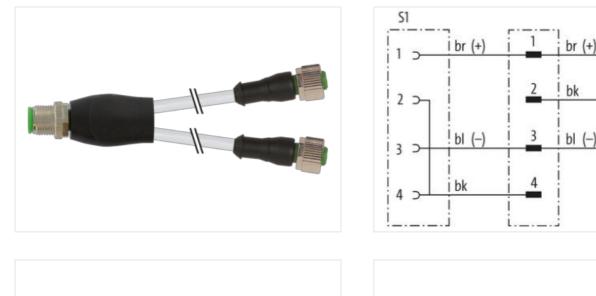
Y-Distributor M12 male / M12 female 0° A-cod.

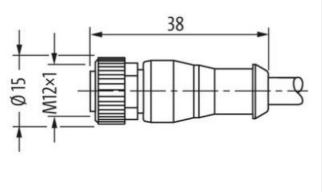
PVC 3x0.34 gy UL/CSA 6m

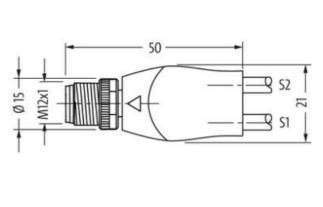
Y-connector M12 – M12, 4-pole Male straight – females straight bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



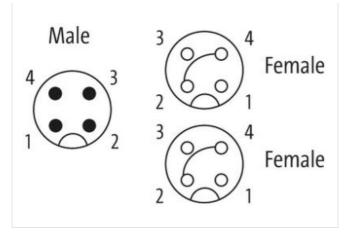




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Product may differ from Image



US Listed

* only for products with UL/CSA approved cable

Advance Form 40721 Technical Data Operating voltage (my UL listed) max. 320 V AC/DC Caperating voltage (my UL listed) max. 320 V AC/DC max. 320 V AC/DC Rated surge voltage (my UL listed) max. 4 A max. 4 A Operating current per contact max. 4 A max. 4 A Coding A-coded Coding A-coded Coding A-coded Coding A-coded Coding A-coded Coding A-coded Coding A-coded Dira Cine casting, matte nickel plated Bital suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) Material (gasket) Br M Pollution Degree 3 A: 0.34 mm ² No./dameter of wires No./dameter of wires No./dameter of wire	Form	
Technical Data Operating voltage max. 250 V AC/DC Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 2.5 kV Operating current per contact max. 4 A Material group IEC 60664-1, category 1 Coding A-coded Locking of ports Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, mate nickel plated suitable for conzyated tube (internal Ø) 10 mm Compression gland M12 (SW13) Ceneral dat PLN Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Sociation Vire isolation PVC (br, b, b, b) Outer Ø 4.6 mm ±5% Cable dentification 213 Cable dentification 213 Cable dentification 213 <td></td> <td>40721</td>		40721
Operating voltage max. 250 V AC/DC Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 2.5 KV Operating current per contact max. 4 A Material group IEC 60664.1 category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated switable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires No./diameter of wires 3 - 0.34 mm ² Wire isolation PVC (br, bl, bk) Outer Ø 4 6 mm ±5% Cable Type 1 (PVC) Approval (cab	-	
Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 2.5 kV Operating current per contact max. 4 A Material group IEC 60664.1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Zinc Alie casting, matte nickel plated Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Cables No./diameter of wires No./diameter of wires 3× 0.34 mm² Wire isolation PVC (br, bl, bk) Cuter Ø 4.6 mm ±5% Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight (g/m]	Technical Data	
Rated surge voltage 2.5 kV Operating current per contact max. 4 A Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Jon 10 mm Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Jon 10 mm ² No./diameter of wires 3× 0.34 mm ² Wire isolation PVC (br, bl, bk) Outer Ø 4.6 mm 15% Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable Wirel (Wire) Gu wire, bare Resistor (core) max. 60 Ω/km (20 °C)		max. 250 V AC/DC
Operating current per contact max. 4 A Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Valardia (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No/diameter of wires 3× 0.34 mm² Wire isolation PVC (br, bl, bk) Cutler Ø 4.6 mm ±5% Cable identification 213 Cable weight [g/m] 34.1 g Material (swire) Cu wire, bare Resibor (core) m±60 GAM (20 °C)	Operating voltage (only UL listed)	max. 30 V AC/DC
Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Nu/diameter of wires 3× 0.34 mm² Wire isolation PVC (br, bl, bk) Outer Ø 4.6 mm ±5% Cable identification 213 Cable Wight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 60 Q/km (20 °C) Single wire Ø (core) 0.15 mm	Rated surge voltage	2.5 kV
Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data Standards Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Vire isolation Wire isolation PVC (br, bl, bk) Outer Ø 4.6 mm ±5% Cable identification 213 Cable wight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm	Operating current per contact	max. 4 A
Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data	Material group	IEC 60664-1, category I
Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Looking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm Compression gland M12 (SW13) General data	Coding	A-coded
MaterialPURLocking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)10 mmCompression glandM12 (SW13)General dataStandardsStandardsDIN EN 61076-2-101 (M12)Material (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable dentification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34.1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Locking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)10 mmCompression glandM12 (SW13)General dataStandardsDIN EN 61076-2-101 (M12)Material (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3× 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable sight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø)10 mmCompression glandM12 (SW13)General dataStandardsDIN EN 61076-2-101 (M12)Material (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires 3×0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm $\pm 5\%$ Cable identification213Cable jumperature1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34.1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 $\Omega/km (20 °C)$ Single wire Ø (core)0.15 mmConstruction (core)19 × 0.15 mm (multi-strand wire class 5)	Material	PUR
Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 3× 0.34 mm² Wire isolation PVC (br, bl, bk) Outer Ø 4.6 mm ±5% Cable identification 213 Cable Z Zable Z Cable identification 213 Cable Z Zable Z Cable weight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm (multi-strand wire class 5)	Locking material	Zinc die casting, matte nickel plated
General dataStandardsDIN EN 61076-2-101 (M12)Material (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires $3 \times 0.34 \text{ mm}^2$ Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable identification213Cable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	suitable for corrugated tube (internal Ø)	10 mm
StandardsDIN EN 61076-2-101 (M12)Material (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3× 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)	Compression gland	M12 (SW13)
Material (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	General data	
Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 3× 0.34 mm² Wire isolation PVC (br, bl, bk) Outer Ø 4.6 mm ±5% Cable identification 213 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5)	Standards	DIN EN 61076-2-101 (M12)
Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3× 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	Material (gasket)	FKM
CablesNo./diameter of wires3× 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	Pollution Degree	3
No./diameter of wires3× 0.34 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)	Temperature range	-25+85 °C, depending on cable quality
Wire isolationPVC (br, bl, bk)Outer Ø4.6 mm ±5%Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)	Cables	
Outer Ø 4.6 mm ±5% Cable identification 213 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5)	No./diameter of wires	3× 0.34 mm ²
Cable identification213Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)	Wire isolation	PVC (br, bl, bk)
Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)	Outer Ø	4.6 mm ±5%
Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)	Cable identification	213
Cable weight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5)	Cable Type	1 (PVC)
Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5)	Approval (cable)	UL (AWM-Style 2464/1731), CSA
Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5)	Cable weight [g/m]	34,1 g
Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5)	Material (wire)	Cu wire, bare
Construction (core) 19× 0.15 mm (multi-strand wire class 5)	Resistor (core)	max. 60 Ω/km (20 °C)
	Single wire Ø (core)	0.15 mm
Diameter (core) 3× 0.34 mm ²	Construction (core)	19× 0.15 mm (multi-strand wire class 5)
	Diameter (core)	3× 0.34 mm ²

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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
Jacket Color	gray
Cable print	-
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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 (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Temperature range (mobile)	-5+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Material (jacket)	PVC (UL/CSA)
Product article number of manufacturer	7000-40721-2130600
Cable length	6 m

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