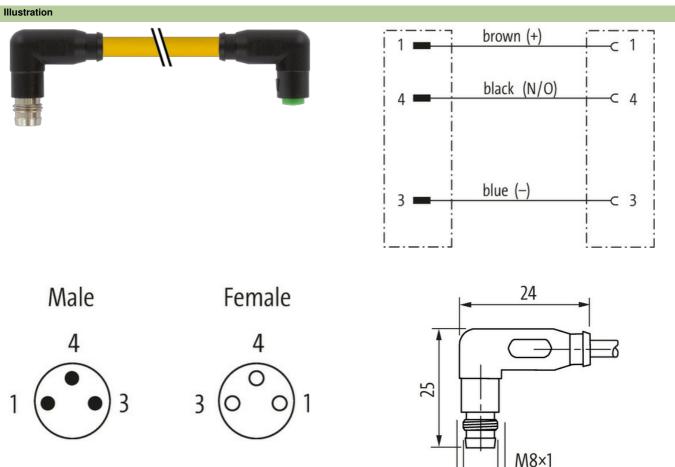


M8 male 90° / M8 female 90° A-cod. snap-in

PVC 3x0.25 ye UL/CSA 2m

Male 90° – female 90° M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths 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.

Link to Product

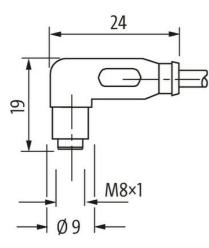


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Product may differ from Image



* only for products with UL/CSA approved cable

| Technical Data Operating voltage max. 50 V AC/60 V DC Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 1.5 kV Operating current per contact max. 4 A Material group IEC 60664-1, category 1 Locking of ports M6 Snap In Protection IP65 inserted and tightened (EN 60529) Material PUR suitable for corrugated tube (internal 0) 6.5 mm Ceneral data PUR Standards DIN EN 61076-2-104 (M8) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables V/C (br, bl, bk) Outer Ø 4.5 mm 45% Cable identification 010 Cable identification 010 Cable identification 010 Cable weight [g/m] 29.37 g Material (wire) Cu wire, bare Resistor (core) nax. 79 Q/km (20 °C) Single wire Ø (core) 0.15 mm Cable weight [g/m] 29.37 g Material (wire) | Form | |
|---|---|---|
| Operating voltage max. 50 V AC/60 V DC Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 1.5 kV Operating current per contact max. 4 A Material group IEC 606641, category I Locking of ports M8 Snap In Protection IP65 inserted and tightened (EN 60529) Material PUR suitable for corrugated tube (internal 0) 6.5 mm General data Category I Standards DIN EN 61076-2·104 (M8) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Vire isolation Vire isolation PVC (tr, bl, bk) Outer Ø 4.5 mm ±5% Cable deriffication 010 Cable deriffication 010 Cable veight [g/m] 29.37 g Material (wire) Cu wire, bare Cable veight [g/m] 29.37 g Standards 0.15 mm Cable veight [g/m] 29.37 g Material (wire) Cu wire, bare | Form | 88201 |
| Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 1.5 kV Operating ourrent per contact max. 4 A Material group IEC 60664.1, category I Locking of ports M8 Snap In Protection IP65 inserted and tightened (EN 60529) Material PUR suitable for corrugated tube (internal Ø) 6.5 mm General data General data Standards DIN EN 61076-2-104 (M8) Pollution Degree 3 Cables -25+85 °C, depending on cable quality Cables V////>V// IS/SA Vire isolation PVC (tor, bl, bk) Outer Ø 4.5 mm 25% Cable identification 010 Cable identification 010 Cable velight [g/m] 29.37 g Material (wire) Cu wire, bare Resistor (core) 0.15 mm Cable velight [g/m] 29.37 g Material (wire) Cu wire, bare Resistor (core) 0.15 mm Cable velight [g/m] 29.37 g Material (w | Technical Data | |
| Rated surge voltage 1.5 kV Operating current per contact max. 4 A Material group IEC 60664-1, category 1 Locking of ports M8 Snap In Protection IP65 inserted and tightened (EN 60529) Material PUR suitable for corrugated tube (internal Ø) 6.5 mm General data Standards DIN EN 61076-2-104 (M8) Polection Framerature range -25+85 °C, depending on cable quality Cables Standards No./diameter of wires 3× 0.25 mm² Wire isolation PVC (br, bl, bk) Outer Ø 4.5 mm ±5% Cable furge 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 29.37 g Material (wire) Cu wre, bare Resistor (core) max. 79 0/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 mm² AWG similar to AWG 24 Material (wire isolation) <td< td=""><td>Operating voltage</td><td>max. 50 V AC/60 V DC</td></td<> | Operating voltage | max. 50 V AC/60 V DC |
| Operating current per contactmax. 4 AMaterial groupIEC 60664-1, category 1Locking of portsM8 Snap InProtectionIP65 inserted and tightened (EN 60529)MaterialPURsuitable for corrugated tube (internal Ø)6.5 mmGeneral dataStandardsStandardsDIN EN 61076-2-104 (M8)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCableVCVoldameter of wires3 × 0.25 mm²No./diameter of wires3 × 0.25 mm²Cable identification010Cable identification010Cable identification11 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29.37 gMaterial (wire)Cu wire, bareResistor (core)1.4 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCCharler (wire isolation)PVCCharler (wire isolation)PVCMaterial (wire isolation)PVCSingle wire Ø (core)0.15 mmConstruction (core)14 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.25 mm²Material (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-free | Operating voltage (only UL listed) | max. 30 V AC/DC |
| Material group IEC 60664-1, category I Locking of ports M8 Snap In Protection IP65 inserted and tightened (EN 60529) Material PUR suitable for corrugated tube (internal Ø) 6.5 mm General dat Standards Standards DIN EN 61076-2-104 (M8) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 3 × 0.25 mm² Wire isolation PVC (br, bl, bk) Outer Ø 4.5 mm ±5% Cable identification 010 Cable identification 010 Cable weight [g/m] 29.3.7 g Material (wire) Cu wire, bare Resistor (core) nax. 73 ØLkm (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 mm² | Rated surge voltage | 1.5 kV |
| Locking of portsM8 Snap inProtectionIP65 inserted and tightened (EN 60529)MaterialPURsuitable for corrugated tube (internal Ø)6.5 mmGeneral dataStandardsDIN EN 61076-2-104 (M8)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable wight (gm]29.37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)1.4 × 0.15 mm / 4.0 ms m²Material (wire isolation)PVCMaterial (wire isolation)0.75 mm²Material (wire isolation)0.75 mm²Material (wire isolation)0.75 mm²Material (wire)Cu wire, bareResistor (core)1.4 × 0.15 mmConstruction (core)1.4 × 0.15 mm / 4.0 ms m²Material (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)PVC | Operating current per contact | max. 4 A |
| Protection IP65 inserted and tightened (EN 60529) Material PUR suitable for corugated tube (internal Ø) 6.5 mm General dat Standards DIN EN 61076-2-104 (M8) Pollution Degree 3 3 Temperature range -25+85 °C, depending on cable quality Cables Vol/diameter of wires 3 × 0.25 mm² Wire isolation PVC (tr, bl, bk) Outer Ø 4.5 mm ±5% Cable identification 010 Cable identification 010 Cable 4264/1731), CSA Cable view (wire, bare) Quire Ø 4.5 mm ±5% Cable 4264/1731), CSA Cable view (vire) Quire, bare Resistor (core) max. 79 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 1.4 × 0.15 mm (multi-strand wire class 5) Diameter (core) 3 × 0.25 mm² MXG similar to AWG 24 MAG similar to AWG 24 | Material group | IEC 60664-1, category I |
| MaterialPURsuitable for corugated tube (internal Ø)6.5 mmGeneral dataStandardsDIN EN 61076-2-104 (M8)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable full(pVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29.37 gMaterial (wire)Cu wire, bareResistor (core)nax. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-free | Locking of ports | M8 Snap In |
| suitable for corrugated tube (internal Ø) 6.5 mm General data Standards DIN EN 61076-2-104 (M8) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 3× 0.25 mm² Wire isolation PVC (br, bl, bk) Outer Ø 4.5 mm ±5% Cable identification 010 Cable Itype 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 29,37 g Material (wire) Cu wire, bare Resistor (core) 14× 0.15 mm (multi-strand wire class 5) Diameter (core) 3× 0.25 mm² AWG similar to AWG 24 Material (wire isolation) PVC Material (wire isolation) CFC-, cadmium-, silicone- and lead-free | Protection | IP65 inserted and tightened (EN 60529) |
| General dataStandardsDIN EN 61076-2-104 (M8)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable identification010Cable weight [g/m]29.37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmDiameter (core)3 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-free | Material | PUR |
| StandardsDIN EN 61076-2-104 (M8)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable dentification010Cable Jype1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable wire for (wire)29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-free | suitable for corrugated tube (internal Ø) | 6.5 mm |
| Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable identification010Cable wielph [g/m]29.37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-free | General data | |
| Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires3 × 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable identification010Cable identification010Cable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Standards | DIN EN 61076-2-104 (M8) |
| CablesNo./diameter of wires3× 0.25 mm²Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable Jype1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Pollution Degree | 3 |
| No./diameter of wires $3 \times 0.25 \text{ mm}^2$ Wire isolationPVC (br, bl, bk)Outer Ø $4.5 \text{ mm} \pm 5\%$ Cable identification010Cable identification010Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Temperature range | -25+85 °C, depending on cable quality |
| Wire isolationPVC (br, bl, bk)Outer Ø4.5 mm ±5%Cable identification010Cable identification010Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Cables | |
| Outer Ø4.5 mm ±5%Cable identification010Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | No./diameter of wires | 3× 0.25 mm² |
| Cable identification010Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gCable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Wire isolation | PVC (br, bl, bk) |
| Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Outer Ø | 4.5 mm ±5% |
| Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Cable identification | 010 |
| Cable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Cable Type | 1 (PVC) |
| Material (wire) Cu wire, bare Resistor (core) max. 79 Ω/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 mm² AWG similar to AWG 24 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free | Approval (cable) | UL (AWM-Style 2464/1731), CSA |
| Resistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Cable weight [g/m] | 29,37 g |
| Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-free | Material (wire) | Cu wire, bare |
| Construction (core) 14× 0.15 mm (multi-strand wire class 5) Diameter (core) 3× 0.25 mm² AWG similar to AWG 24 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free | Resistor (core) | max. 79 Ω/km (20 °C) |
| Diameter (core) 3× 0.25 mm² AWG similar to AWG 24 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free | Single wire Ø (core) | 0.15 mm |
| AWG similar to AWG 24 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free | Construction (core) | 14× 0.15 mm (multi-strand wire class 5) |
| Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free | Diameter (core) | 3× 0.25 mm ² |
| Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free | AWG | similar to AWG 24 |
| | Material (wire isolation) | PVC |
| Shore hardness (wire isolation) 45 ±5 D | Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free |
| | Shore hardness (wire isolation) | 45 ±5 D |

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| 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) | yellow |
| Jacket Color | yellow |
| 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) |
| Commercial data | |
| country of origin | DE |
| customs tariff number | 85444290 |
| eClass | 27061801 |
| Packaging unit | 1.000 |

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