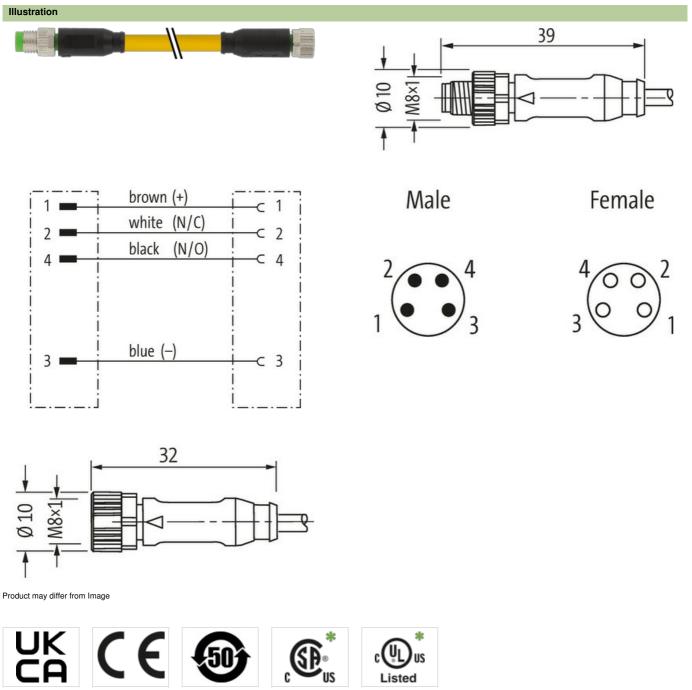


M8 male 0° / M8 female 0° A-cod.

PVC 4x0.25 ye UL/CSA 0.6m

Male straight – female straight M8 – M8, 4-pole Art-No. 7005 - M8 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



The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22



\* only for products with UL/CSA approved cable

Form     8801       Technique Noting Lineard     VACBO V DC       Operating voitage (only Lineard)     30 V ACDC       Rated aurge voitage     15 KV       Operating voitage     15 KV       Operating voitage     15 KV       Operating voitage     16 KV       No. of pols     4       Materal group (orly Lineard)     16 KV CodeA-1, category I       Locking of pols     Sorew thread (MS-1 mm) recommendal loque 0.4 km, self-securing       Compression glund     MS (KPS)       Protection     MS (KPS)       Protection     PSE, IPSEK (PS7 intered and tiphened (EN 60520)       Materal (contract security)     Zon die caating, matter inckel plated       Sandards     PUR       Materal (contract security)     Sorm die Compression       Materal (contract security)     Copper ally       Materal (contract security)     Copper ally       Materal (contract security)     Rogen and tiphened (EN 60520)       Materal (contract security)     Rogen and tiphened (EN 60520)       Materal (contract security)     Sorm and tiphened (EN 60520)       Materal (contract security)     Rogen and tiphened (EN 60520) <th>Form</th> <th></th>	Form	
Technical Data     UACIDID       Operating voltage     mix. 50 V ACID0 V DC       Operating voltage (m) VL. lited)     30 V ACDC       Rited surge voltage     1.5 VV       Oparating voltage (m) VL. lited)     30 X ACDC       No. of poles     4       Material group     EC 6006-11. calegory I       ECB diaphy     no       Compression gland     M6 (SW0)       Compression gland     M6 (SW0)       Protocion     M95, IPOOK, IPOT inserted and lightened (EN 80528)       Constragets ing inand     M6 (SW0)       Protocion     M95, IPOOK, IPOT inserted and lightened (EN 80528)       Constragets ing inand     M10 (SW0)       Constragets ing inand     DIN EN 81076-2-104 (M6)       Material     Din EN 81076-2-104 (M6)       Mounting method     inserted. tightened       Mounting method     inserted. tightened       Mounting method     inserted. tightened       Mounting method     inserted. tightened       Mounting inserted.     ScaberC, depending on cable quality       Collison Degree     3       Constragets trange     4-0.25 mm²       <	Form	88011
Operating voltagemax. 50 V AC.60 V DCOperating voltage (anty UL listed)30 V ACDCRated surge voltage1.5 VOperating voltage (anty UL listed)30 V ACDCRated surge voltage1.5 VOperating oursent per centagemax. 4 ANo. of poles4Material groupIEC 60664-1, category 1LED displaynoCompression glandM8 (SW9)ProtectionP66, IP66K, IP67 inserted and tiphtened (EN 60529)MaterialPL06, IP66K, IP67 inserted and tiphtened (EN 60529)MaterialPL06, IP66K, IP67 inserted and tiphtened (EN 60529)MaterialDU NE N 6176-2-104 (M8)MaterialDU NE N 6176-2-104 (M8)Material (contaget)Ag material issue for compatible to for compatible to for the set of the se		
Operating voltage (only UL listed)     30 V ACDC       Rated surge voltage     1.5 kV       Operating unrent per contact     max. A A       No. of poles     4       Material group     IEC 600641. category I       LED display     no       Compression gland     MS (W9)       Protection     IP65. IP66K, IP67 inserted and signened torque 0.4 km, self-sequring       Compression gland     MS (W9)       Protection     IP65. IP66K, IP67 inserted and signened (EN 60529)       Material     PUR       Locking of tor corrupated tube (internal 0)     6.5 mm       General data     Exclassing material inserted, lightened       Standards     DIN EN 61076.2.104 (M8)       Mounting mothod     inserted, lightened       Material (contact)     Coppor alloy       Material (contact surface)     Au       Material (contact surface)     Au       Material (contact surface)     Au       Material (casket)     FKM       Pollution Degree     3       Temperature range     2545 °C, depending on cable quality       Cable distred filterin     11 <t< td=""><td></td><td></td></t<>		
Batef surge voltage     1.5 kV       Operating ournert per contract     max: 4 A       No. of poles     4       Material group     IEC 60664-1; category 1       LED dasplay     no       Lacking of ports     Sorew thread (M8x-1 mm) recommended torque 0.4 Nm, self-securing       Compression gland     M8 (SW9)       Protection     IPB6, IPB0F, IPB7 insertion and lightened (EN 60529)       Material     PUP       Lacking of ports     Sorew thread (M8x-1 mm) recommended torque 0.4 Nm, self-securing       Compression gland     M8 (SW9)       Protection     IPB6, IPB0F, IPB7 insertion and lightened (EN 60529)       Material     DUP       Cacking material     Zin Ge casting, matin nickol plated       suitable for corrugated tube (internal Ø)     6.5 mm       General data     Temperature receiver and lightened (EN 60529)       Material (contact surface)     Au       Material (contact surface)     6.5 mm       Temperature range     2845 °C, depending on cable quality       Temperature range     2845 °C, depending on cable quality       Wire isolation     PVC (isor wh.5 l.b)       Outer Ø     4.0		
Operating ourment per contact     max. 4 A       No. of poles     4       No. of poles     4       Material group     EC 60604-1. category 1       LED dirighay     no       Lacking of ports     Screw thread (M8-1 mm) recommended torque 0.4 Nm, self-securing       Compression gland     M8 (SW9)       Protection     IP65, IP66K, IP67 meerted and tightened (EN 60529)       Matarial     PUR       Locking material     Zine die casting, matte nickel plated       Suitable tor corrugated tube (internal 0)     6.5 mm       General data     Cabera       Standards     DIN EN 61076-2-104 (M8)       Mounting method     inserted. lightened       Material (contact)     Copera aloy       Material (contact)     Copera aloy       Material (contact surface)     Au       Material (contact surface)     Au       No.diamater of wires     4 x 0.25 mm <sup>3</sup> Wire isolation     PVC (pr. wh.b bk)       Outer O     4.8 mm 25%       Cable demiliation     O11       Cable demiliation     O11       Cable demiliation     O11 </td <td></td> <td></td>		
Ne. d poles 4   Material group IEC 6064-1, category 1   LEC display no   Compression gland M8 (SW0)   Protoction IP66, IP6K, IP67 inserted and tightened (EN 60529)   Material PUR   Locking material Zin de casting, mate nickel plated   Locking material DIN EN 61076-2-104 (M8)   Mouning method inserted, tightened   Material (contact) Au   Material (contact) Copper alloy   Material (contact) Copper alloy   Material (contact) Copper alloy   Material (contact) Copper alloy   Material (contact) Au   Material (contact) Au   Material (contact) Sin - 25+85 °C, depending on cable quality   Cable -25+85 °C, depending on cable quality   Cable -25+85 °C, depending on cable quality   Cable -25+85 °C, depending on cable quality   Cable for on wires 4 × 0.25 mm <sup>3</sup> Nuclearnet or wires 4 × 0.25 mm <sup>3</sup> Nuclearnet or wires 4 × 0.25 mm <sup>3</sup> Cable for pole 1 (PVC)   Approval (cob) UL (AVM Style 2464/171), CSA   Cable wires 4 × 0.25 mm <sup>3</sup> Resistor (core) 1.15 mm (unit-stand wire clase 5)		
Material groupIEC 6068-1, category 1IED displaynoLocking of portsScrew thread (M8-1 mm) recommended torque 0.4 km, self-securingCompression glandM8 (SW9)ProtectionIP65, IP67 inserted and tightened (EN 60529)MaterialPURLocking materialZinc die casting, matte nickel platedsuitable for corrugate tubbe (internal 0)6.5 mm <b>Ceneral dati</b> Capper alloyStandardsDIN EN 61076-2-104 (M8)Mounting methodinserted, lightenedMaterial (contact)Copper alloyMaterial (contact surface)AuMaterial (contact surface)AuMaterial (contact surface)4Villassever3Temperature range-25+68 °C, depending on cable qualityCablesVillasseverVillassever4.4 0.25 mm <sup>2</sup> Wire IsolationPVC (Gr, wh, bl, bk)Outer Ø4.8 mm 45%Cable Type(PVC)Approxt (cable)UL (AVM-Style 24641731), CSACable Type(IPVC)Approxt (cable)UL (AVM-Style 24641731), CSACable Type1.5 mmCable Type1.6 VC (C)Approxt (cable)UL (AVM-Style 24641731), CSACable Type1.5 mmCable Type1.6 VC (C)Approxt (cable)UL (AVM-Style 24641731), CSACable Type1.6 VC (C)Approxt (cable)UL (AVM-Style 24641731), CSACable Type1.6 VC (C)Approxt (cable)0.15 mmDin metric (core) <td></td> <td></td>		
LED displaynoLodking of portisScrew thread (M&: 1 mm) recommende torque 0.4 km, self-securingCompression glandM8 (SW9)ProtectionIP65. IP66K. (P67 inserted and tightened (EN 60529)MaterialCunde casting, matte nickel platedsuitable for corrugated tube (internal 0)6.5 mmCentralCopper alloyMaterialIUN EN 61076-2-104 (M8)Mounting methodinserted, tightenedMaterial (contact)Copper alloyMaterial (contact surface)AuMaterial (contact surface)AuMaterial (contact surface)5.4.95 °C, depending on cable qualityCablesTemperature rangeVite isolationPVC (ur, wh. Dt. Dk)Outer Ø4.8 nm 25%Cable formingCut/WM-Style 2464/1731), CSACable formingCut/WM-Style 2464/1731), CSACable rope1.4.9 (25 mm²Material (contact)Cut/WM-Style 2464/1731), CSACable rope1.1.6 (25 mm²Material (contact)1.1.6 (25 mm²Cable rope1.1.6 (25 mm²Material (wing)Cut/WM-Style 2464/1731), CSACable rope1.1.6 (25 mm²Approval (cable)UL (AWM-Style 2464/1731), CSACable rope1.1.5 mm (ruth-strand wire class 5)Demeter (core)1.4.0.15 mm (ruth-strand wire class 5)Dameter (core)1.4		
Lacking of ports     Screw thread (M8.1 mm) recommended torque 0.4 Nm, self-securing       Compression gland     M8 (SW9)       Protection     IP65, IP66X, IP67 Inserted and tightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       sutable for corrugated tube (internal 0)     6.5 mm       General dat     Standards       Standards     DN EN 61076-2-104 (M8)       Mounting mathrid     inserted, tightened       Material (contact)     Copper alloy       Material (contact)     Copper alloy       Material (contact surface)     Au       Cable     FKM       Pollicion Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable deall fidentification     011       Cable deall fidentification     011       Cable deall fidentification     011       Cable deal fidentification     011		
Compression gland     M8 (SW9)       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)     6.5 mm       General data     Standards       Standards     DIN EN 61076-2-104 (M8)       Mounting method     inserted, tightened       Material (contact)     Copper alloy       Material (contact)     Copper alloy       Material (contact)     Copper alloy       Material (contacturacturace)     Au       Material (contacturacurace)     Au       Material (contacturacuracuracuracuracuracuracuracuracurac		
Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Matorial     PUR       Conding natural (Contract)     Condic casting, matte nickel plated       suitable for corrugated tube (internal 0)     6.5 mm       Cenard     DIN EN 61076-2.104 (M8)       Mounting mathod     Inserted, lightened       Material (contact)     Copper alley       Material (contact)     Au       Material (contact surface)     Au       Material (contact surface)     Au       Material (contact surface)     Au       Material (contact surface)     Au       Noclamentor of wires     3       Temperature range     -25+85 °C.depending on cable quality       Cables     VC (br. wh. bl. bk)       Outer 0     4.8 mm 15%.       Cable of mittration     011       Cable of piper     1 (PVC)       Approval (cable)     UL (MMM-Style 2464/1731), CSA       Cable weight (gm1)     34.76 g       Material (wrei)     Cu // Sr.m <sup>2</sup> Construction (core)     14. 0.15 mm (multi-strand wire class 5)       Diameter (core)     4.5 0.5 mm <sup>2</sup> Materi		
Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal Ø)     6.5 mm       General dats     DIN EN 61076-2-104 (M8)       Mounting method     inserted, tightened       Material (contact surface)     Au       Cobics     Standards       Viscianser of wires     4 × 0.25 mm²       Vire isolation     011       Cable forpe     1 (PVC)       Approval (cable)     UL (AWM Style 2464/1731), CSA       Cable weight [g/m]     34,76 g       Material (wire)     Cu // Wire, bare       Resistor (core)     max. 79 DAm (20 °C) <th< td=""><td></td><td></td></th<>		
Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal Ø)     6.5 mm       Ceneral data     Standards     DIN EN 61076-2-104 (M8)       Mounting method     inserted. tightened     Material (contact)     Copper alloy       Material (contact)     Copper alloy     Material (seke)     FKM       Pollution Degree     3     Temperature range     -25+85 °C, depending on cable quality       Cables     No./diameter of wires     4 - 0.25 mm²     Material (seke)       No./diameter of wires     4 - 0.25 mm²     Material (seke)     FKM       Cable Tope     VPC (br, wh, bl, bk)     Coll     Cable Tope     Standards       No./diameter of wires     4 - 0.25 mm²     Standards     Standards     Standards       Outer O     4 S m = 5%     Cable tigentification     Oit     Cable tigentification     Oit (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA     Cable tigentification     Standards     Stan		
suitable for corrugated tube (internal Ø)     6.5 mm       Standards     DIN EN 61076-2-104 (M8)       Mounting method     inserted, tightened       Material (contact)     Copper alloy       Material (contact)     Copper alloy       Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Vire isolation       No./diameter of wires     4 × 0.25 mm²       Wire isolation     PVC (br, wh, bl, bk)       Outer 0     4.8 mm ±5%       Cable forefiltion     011       Cable roype     1 (PVC)       Approval (cable)     UL (AVM-Style 2464/1731), CSA       Cable roype     1 (PVC)       Approval (core)     0.15 mm       Construction (core)     max. 73 0.2km (20 °C)       Single wie Ø (core)     0.15 mm       Construction (core)     14 × 0.15 mm (multi-strand wire class 5)       Diamater (core)     4 × 0.25 mm²       AWG     similar to AWG 24       Material property (wire isolation)     PVC		
Ceneral data       Standards     DIN EN 61076-2-104 (M8)       Mouning method     inserted, lightened       Material (contact)     Copper alloy       Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cables     V       No./diameter of wires     4 × 0.25 mm²       No./diameter of wires     4 × 0.25 mm²       Vire isolation     PVC (br, wh, bl, bk)       Outer Ø     48 mm ±5%       Cable furge     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     34.76 g       Material (wire)     Cu wire, bare       Resistor (core)     max.79 Q/km (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     14 × 0.15 mm (multi-strand wire class 5)       Diameter (core)     4 × 0.25 mm³       AWG     similar to AWG 24       Material (wire isolation)     CPC, cadmium, silicone- and lead-free       Shore hardness (wire isolation)     1.25 mm ±5%		
StandardsDIN EN 61076-2·104 (M8)Mounting methodinserted, tightenedMaterial (contact)Copper alloyMaterial (contact surface)AuMaterial (contact surface)AuMaterial (contact surface)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires4 × 0.25 mm <sup>5</sup> Wire isolationPVC (br, wh, bl, bk)Outer 04.8 mm 25%Cable Identification011Cable Identification015 mmCon	suitable for corrugated tube (internal $\emptyset$ )	6.5 mm
Mounting method     inserted, tightened       Material (contact)     Copper alloy       Material (contact)     Au       Material (contact)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable     Viris isolation       Wire isolation     PVC (br, wh, bl, bk)       Outer Ø     4.8 mm ±5%       Cable Identification     011       Cable Identification     011       Cable Identification     011       Cable Identification     011       Cable Intype     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     34,76 g       Material (wire)     Cu wire, bare       Resistor (core)     0.15 mm       Construction (core)     14× 0.15 mm (multi-strand wire class 5)       Diameter (ore)     0.47 Gg       Material (wire isolation)     CFC - cadmium-, silicone- and lead-free       Shore hardness (wire isolation)     45 ± 5       Wire -Ø iol. Isolation     1.25 mm ± 5%       Color/murbenigr of wires     br, bk, bl, wh	General data	
Material (contact)     Copper alloy       Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cables     Voldiameter of wires       No./cliameter of wires     4 × 0.25 mm²       Vire isolation     PVC (or, wh, bl, bk)       Outer Ø     4.8 mm ±5%       Cable identification     011       Cable identification     011       Cable identification     011       Cable weight (g/m)     34,76 g       Material (wire)     Cu wire, bare       Resistor (core)     max. 79 Ω/km (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     14 × 0.25 mm²       Material (wire isolation)     PVC       Material (wire isolation)     PVC       Material (wire isolation)     CFC-, cadmium-, silicone- and lead-free       Shore hardness (wire isolation)     45 ± 5 D       Wire-Ø incl. isolation     1.25 mm ±5%       Color/mubering of wires     br, bk, bh, wh       Stranding combination     4 wires twi	Standards	DIN EN 61076-2-104 (M8)
Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     25+85 °C, depending on cable quality <b>Cables</b> No./diameter of wires     4× 0.25 mm²       No./diameter of wires     4× 0.25 mm²       Vire isolation     PVC (br, wh, bl, bk)       Outer Ø     4.8 mm 15%       Cable Identification     011       Cable Identification     011       Cable VCO     Approval (cable)       UL (AWM-Style 2464/1731), CSA     Cable veight [g/m]       S4,76 g     Material (wire)       Resistor (core)     max. 79 Q.Km (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     14× 0.15 mm (multi-strand wire class 5)       Diameter (core)     4× 0.25 mm²       Material (wire isolation)     PVC       Material (wire isolation)     CFC-, cadmium-, silicone- and lead-free       Shore hardness (wire isolation)     45 5 D       Wire-Ø incl. isolation     1.25 mm ±5%       Color/mubering of wires     br, bk, bh       Shree hardness (wire isolation)     FF	Mounting method	inserted, tightened
Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cables       No./diameter of wires     4 × 0.25 mn²       Wire isolation     PVC (br, wh, bl, bk)       Outer Ø     4.8 mm ±5%       Cable identification     011       Cable identification     011       Cable viget [gm]     3.4.76 g       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [gm]     3.4.76 g       Material (wire)     Cu wire, bare       Resistor (core)     max. 79 Q/km (20 °C)       Single wire Ø (core)     0.15 mm       Construction (core)     14 × 0.15 mm (multi-strand wire class 5)       Diameter (core)     4 × 0.25 mn²       AWG     similar to AWG 24       Material (wire isolation)     PVC       Material property (wire isolation)     4 ± 5 D       Wire-Ø ioni. isolation     1.25 mm ±5%       Color/numbering of wires     br, bl, bl, wh       Stranding combination     4 ± 5 D       Wire-Ø ioni. isolation     1.25 mm ±5%	Material (contact)	Copper alloy
Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo./diameter of wires4 × 0.25 mm²Wire isolationPVC (br, wh, bl, bk)Outer Ø4.8 mm ±5%Cable identification011Cable identification011Cable veight [g/m]34,76 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)1.4 × 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial (wire isolation)45 ± 5 DWire donting on wiresbr, bk, bl, whStranding combination4 wires twistedShere hardness (jacket)PVCMaterial (gackat)PVC KMaterial (gackat)PVCMaterial (gackat)PVCM	Material (contact surface)	Au
Temperature range   -25+85 °C, depending on cable quality     Cables     No./diameter of wires   4 × 0.25 mm <sup>3</sup> Wire isolation   PVC (br, wh, bl, bk)     Outer Ø   4.8 mm ±5%     Cable identification   011     Cable factoritation   011     Cable Type   1 (PVC)     Approval (cable)   UL (AWM-Style 2464/1731), CSA     Cable weight [g/m]   34,76 g     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 Q/km (20 °C)     Single wire Ø (core)   0.15 mm     Construction (core)   14× 0.15 mm (multi-strand wire class 5)     Diameter (core)   4× 0.25 mm <sup>2</sup> AWG   similar to AWG 24     Material property (wire isolation)   PVC     Material property (wire isolation)   45 ± 5 D     Wire-Ø incl. isolation   1.25 mm ±5%     Color/numbering of wires   br, bk, bl, wh     Stranding combination   4 wires twisted     Shield   no     Material (jacket)   PVC     Material (jacket)   FC-, cadmium-, silicone- and lead-free     Shield   no     Ma	Material (gasket)	FKM
CablesNo./diameter of wires4 × 0.25 mm²Wire isolationPVC (br, wh, bl, bk)Outer Ø4.8 mm ±5%Cable identification011Cable identification011Cable vigent (gm)14/VC)Approval (cable)UL (AWM-Style 2464/1731), CSACable wight (gm)34,76 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)4 × 0.25 mm²Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (acket)PVCMaterial (acket)CFC-, cadmium-, silicone- and lead-freeShore hardness (acket)85 ± 5 A	Pollution Degree	3
No./diameter of wires4 × 0.25 mm²Wire isolationPVC (br, wh, bl, bk)Outer Ø4.8 mm ±5%Cable identification011Cable identification011Cable identification011Cable identification011Cable identification011Cable identification011Cable identification011Cable weight [g/m]34,76 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)4× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShield incombination4 wires twistedShield incombinationPVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShield incoket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShieldNoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free<	Temperature range	-25+85 °C, depending on cable quality
Wire isolationPVC (br, wh, bl, bk)Outer Ø4.8 mm ±5%Cable identification011Cable Type1 (PVC)Approval (cable)UL (AVM-Style 2464/1731), CSACable weight [g/m]34,76 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)4× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial roperty (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedStriandig combinationpVCMaterial (jacket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 A	Cables	
Outer Ø $4.8 \text{ mm } \pm 5\%$ Cable identification011Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m] $34.76 \text{ g}$ Material (wire)Cu wire, bareResistor (core)max. 79 $\Omega$ /km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)14 × 0.15 mm (multi-strand wire class 5)Diameter (core) $4 \times 0.25 \text{ mm}^2$ AWGsimilar to AWG 24Material (wire isolation)PVCMaterial roperty (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm $\pm 5\%$ Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (acket)PVCMaterial (property (jacket)CFC-, cadmium-, silicone- and lead-free	No./diameter of wires	4× 0.25 mm²
Cable identification011Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,76 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)4 × 0.25 mm²AWGsimilar to AWG 24Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (iscket)CFC-, cadmium-, silicone- and lead-freeShieldsite stratedShieldNoMaterial (jacket)PVCMaterial property (jacket)Sfranding combination	Wire isolation	PVC (br, wh, bl, bk)
Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,76 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)4× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combinationA wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free	Outer Ø	4.8 mm ±5%
Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]34,76 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)4× 0.25 mm²AWGsimilar to AWG 24Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free	Cable identification	011
Cable weight [g/m]34,76 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)4× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free	Cable Type	1 (PVC)
Material (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)4× 0.25 mm²AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)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)4 × 0.25 mm²AWGsimilar to AWG 24Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free	Cable weight [g/m]	34,76 g
Single wire Ø (core)0.15 mmConstruction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.25 mm²AWGsimilar to AWG 24Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-free	Material (wire)	Cu wire, bare
Construction (core)14× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.25 mm²AWGsimilar to AWG 24Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 A	Resistor (core)	max. 79 Ω/km (20 °C)
Diameter (core) $4 \times 0.25 \text{ mm}^2$ AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation) $45 \pm 5$ DWire-Ø incl. isolation1.25 mm $\pm 5\%$ Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 $\pm 5$ A	Single wire Ø (core)	0.15 mm
AWGsimilar to AWG 24Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 A	Construction (core)	14× 0.15 mm (multi-strand wire class 5)
Material (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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 A	Diameter (core)	4× 0.25 mm <sup>2</sup>
Material 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, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 A	AWG	similar to AWG 24
Shore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 A	Material (wire isolation)	PVC
Wire-Ø incl. isolation   1.25 mm ±5%     Color/numbering of wires   br, bk, bl, wh     Stranding combination   4 wires twisted     Shield   no     Material (jacket)   PVC     Material property (jacket)   CFC-, cadmium-, silicone- and lead-free     Shore hardness (jacket)   85 ±5 A	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wires br, bk, bl, wh   Stranding combination 4 wires twisted   Shield no   Material (jacket) PVC   Material property (jacket) CFC-, cadmium-, silicone- and lead-free   Shore hardness (jacket) 85 ±5 A	Shore hardness (wire isolation)	45 ±5 D
Stranding combination 4 wires twisted   Shield no   Material (jacket) PVC   Material property (jacket) CFC-, cadmium-, silicone- and lead-free   Shore hardness (jacket) 85 ±5 A	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no   Material (jacket) PVC   Material property (jacket) CFC-, cadmium-, silicone- and lead-free   Shore hardness (jacket) 85 ±5 A	Color/numbering of wires	br, bk, bl, wh
Material (jacket) PVC   Material property (jacket) CFC-, cadmium-, silicone- and lead-free   Shore hardness (jacket) 85 ±5 A	Stranding combination	4 wires twisted
Material property (jacket) CFC-, cadmium-, silicone- and lead-free   Shore hardness (jacket) 85 ±5 A	Shield	no
Shore hardness (jacket)85 ±5 A	Material (jacket)	PVC
	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Outer-Ø (jacket) 4.8 mm ±5%	Shore hardness (jacket)	85 ±5 A
	Outer-Ø (jacket)	4.8 mm ±5%

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



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
EAN	4048879130608
eClass	27279218
Packaging unit	1.000

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk