

## M12 male 0° / M12 female 0° A-cod.

PUR 3x0.34 gy UL/CSA 2m

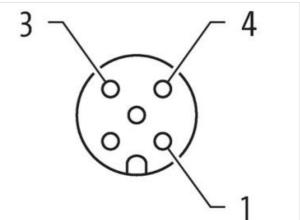
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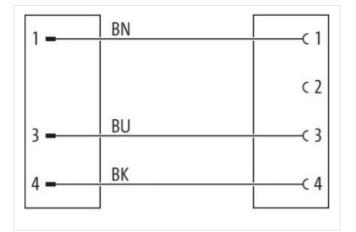
Male straight – female straight M12 – M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

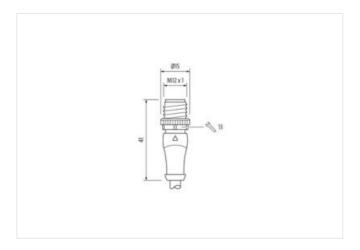
## Link to Product

Illustration



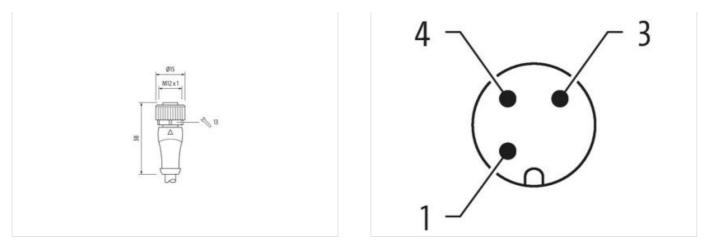






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06





Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855

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CITN     4048579186216       Packaging unit     1       Electrical data Sloppy     Comming voltage AG max       Operating voltage AG max     250 V       Operating voltage AG max     250 V       Operating voltage AG max     250 V       Operating voltage AG (UL-Istee)     30 V       Operating voltage DG max     4 A       Installation Connection     M12 x 1       Device protection Electrical     M12 x 1       Additional contifion polation degree     38 electrical states       Package voltage DG max     2.5 kV       Maring ago voltage DG max     2.5 kV       Maring a connection     Zine dise-conting       Maring d	customs tariff number	85444290
Packaging unit     1       Electrical statis [Supply		
Electrical data   Supply     Use of the second of		
Operating voltage AC max.     250 V       Operating voltage CC max.     250 V       Operating voltage AC max.     40 V       Operating voltage AC luss.     30 V       Current operating voltage AC max.     4 A       Installation [Connection     V       Bevice protection   Electrical     M12 x 1       Device protection   Electrical     Addinal condition       Addinal condition protection degree     inserted. sorewed       Public Dogree     3       Rester surge voltage are condition     2.5 kV       Material group (EC 60064-1)     1       Mechanic data [Material data     Coaring boding       Coaring boding     nickel plated       Coaring dofting     nickel plated       Coaring dofting mothod     inserted. sorewed. Shaking protocton       Parating temperature min.     25° C       Operating temperature min.     25° C       Operating temperature min.     25° C       O		
Operating voltage DC max     290 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max     4 A       Institution   Connection     Institution   Connection       Meuning set     M12 x 1       Device protection   Electrical     Additional condition protoction degree       Additional condition protoction degree     3       Patter surge voltage     2,8 kV       Meurining set     Nickeld       Coating toking     Nickeld       Coating toking     Nickeld       Coating toking     Nickeld       Coating toking     Nickeld       Meuring material     Zine die coasing       Material serve conscript     Zine die coasing       Material serve     Gegerating bengenature max.       As °C     Operating tomperature min.       Contornity     Zine die coasing       Contornity     Gegerating bengenature max.       As °C     Operating tomperature min.       Coating timperature min.     25 °C       Operating tomperature min.     25 °C       Contornity     Gegerating bengenature min.       Coatine distinditit		
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Convert operating por contact max.     4 A       Installicio   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     Pathation   Connection       Additional condition protection degree     inserted, screwed       Polution Dugroe     3       Rated surge voltage     2,5 kV       Material group (EC 60064 1)     1       Mechanical data   Material data     Cocaling locking       Cocaling locking     Nickeled       Cocaling locking material     Zinc die-casiling       Methanical data   Mounting data     Nickeled       Constration anno.     28° C       Operating temperature mix.     48° C       Operating temperature mix.     48° C       Operating temperature max.     58° C       Additional condition temperature range     deperfuig on cable quality		
Operating per contact max.     4 A       Installation (Denometion     Mounting set     M12 x 1       Device protection [Electrical     Mounting set     M12 x 1       Device protection [Electrical     Mounting set     Mounting set     M12 x 1       Device protection [Electrical     Mounting set     Second Seco		
Quirent operating per contact max.     4 A       Installation   Connection     Mila x 1       Device protection   Electrical     Mila x 1       Additional condition protection degree     inserted, sorewed       Patitation Dargone     3       Rated surge voltage     2,5 kV       Material group, IEC 66664-1)     1       Mechanical data   Material data     Ecological (Contection)       Material group, IEC 66664-1)     1       Mechanical data   Material data     Ecological (Contection)       Conting of filing     incklel pited       Murphing method     Inserted, sorewed, Shaking protection       Environmental characteristics   Climatic     Conternity       Operating temperature max.     85 °C       Cable forpe     2 (PL/RPVC)       Additional condition temperature range     degending on cable quality       Cable forpe     2 (PL/RPVC)       Approval (cable)     UL (AWA-Snyle 20549/1731), CSA, CE conform		
Installation   Connection     M12 x 1       Device protection   Electrical		
Monting set     M12 x 1       Device protection   Electrical	Current operating per contact max.	4 A
Device protection   Electrical       Addinan condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge vortage     2,5 kV       Material group (EC 60564-1)     1       Mechanical data   Material data     Conting Octing       Coating locking     Nickel plated       Coating locking of fitting     nickel plated       Locking material     Zino die casting       Material screw connection     Zino die casting       Material gremperature min.     -25 °C       Operating temperature ranz.     65 °C       Additional condition temperature ranz.     65 °C       Cable die diffication     223       Cable die diffication     223       Cable Type     2 (PUR/PVC)       Approval (cable)     L/L KWM Style G26491731), CSA; CE conf	Installation   Connection	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Relate surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Inserted, screwed     Coating of fiting   nickel plated     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mechanical data   Mounting data   Screwed, Shaking protection     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coording on cable quality     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conternty   V     Product standard   DIN EN 61076-2101 (M12)     Cable identification   22     Cable identification   23     Cable identification   24     Deproval (cable)   UL (AWM-Style 20549/131), CSA, CE	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   2.5 kV     Material group (IEC 80864-1)   1     Mechanical data [Material data   Coating locking     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material socrew connection   Zinc die-casting     Mechanical data [Mounting data   Imoretial, screwed, Shaking protection     Mounting method   Imarted, screwed, Shaking protection     Caperating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Environmental characteristics [Climatic     Coable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20649/1731), CSA: CE conform     Cable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20649/1731), CSA: CE conform     Cable Type   2 (PUR/PVC)     Approval (cable)   UL (AWM-Style 20649/1731), CSA: CE conform	Device protection   Electrical	
Rate surge voltage     2,5 kV       Material group (IEC 6064-1)     I       Mechanical data   Material data     Coating locking       Coating locking     Nickoled       Coating locking     Nickoled       Coating locking     Nickoled       Material serve connection     Zinc die-casting       Material serve connection     Zinc die-casting       Material serve connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Gilmatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temporature range     depending on cable quality       Contormity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable Type     2 (PURPVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable Type     2 (PURPVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable Type     2 (PURPVC)       Approval (core)     0.1 mm (multi-strand wire dass 6)       Diameter (core)     3 × 0.34 mm²	Additional condition protection degree	inserted, screwed
Material group (IEC 60684-1)     I       Mechanical data     Material data       Coating of filing     nickel plated       Coating of filing     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contormity     Product standard       DIN EN 61076-2-101 (M12)     Cable Tope       Cable identification     223       Cable Type     2 (PUF)/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     35,97 g       Material wrie O (core)     0,1 mm       Construction (core)     42+ 0.1 mm (multi-strand wrie class 6)       Diameter (core)     3+ 0.34 mm <sup>2</sup>	Pollution Degree	3
Mechanical data     Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking matrinal     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coording on the parature max.       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable     Cable identification       223     Cable identification       236 °C     Querrere       Cable weight [prm]     35.9° g       Material wire     Cu wire, bare       Resistor (core)     0.1 rm       Cable weight [prm]     35.9° g       Material wire is location     PVC       Mate	Rated surge voltage	2,5 kV
Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Conting method       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contomity     Product standard       Product standard     DIN EN 61076-2101 (M12)       Cable     Cable identification       223     Cable Identification       223     Cable Identification       234     Cable weight [g/m]       35.87 g     Adatrial wris       Course, bare     Construction (core)       Material wris     Cu wire, bare       Resistor (core)     max. 57 Jkm (20 °C)       Single wire (loce)     3.0.34 mi²       Meterial property wire insulation     PVC       Material wire isolation     PVC       Material wire isolation     PVC <th< td=""><td>Material group (IEC 60664-1)</td><td> </td></th<>	Material group (IEC 60664-1)	
Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.     -25 °C       Operating temperature min.     -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Conformity       Product standard     DIN EN 61076-2-101 (M12)     Cable       Cable     Zing Conformity     Cable (Gentification     223       Cable fuppe     2 (PUR/PVC)     Approval (cable)     UL (AVM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     35.97 g     Material wire     Cu wire, bare       Resistor (core)     max, 57 0 /km (20 °C)     Single wire Ø (sore)     0.1 mm (multi-strand wire class 6)       Diameter (core)     3x.034 mm²     Aug     Material property wire insulation       AWG     similar to AWG 22     Material property wire insulation     CFC, cadnium, silicone- and lead-free       Material property wire insulation     1.25 mm ±5%     Calo/free, matt, low-adhes	Mechanical data   Material data	
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     35,97 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Q/km (20 °C)       Single wire Ø (core)     0.1 mm       Construction (core)     42 × 0.1 mm (multi-strand wire class 6)       Diameter (core)     3 × 0.34 mm <sup>3</sup> AWG     asimilar to AWG 22       Material wire isolation     PVC       Material property wire insulation     CFC-, cadmium-, silicone- and lead-free       Shore hardnees wire isolation     43 ± 5 D	Coating locking	Nickeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Cable     223       Cable Type     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     35,97 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Q/km (20 °C)       Single wire Ø (core)     0.1 mm       Construction (core)     42 × 0.1 mm (multi-strand wire class 6)       Diameter (core)     3 × 0.34 mm²       Material wire isolation     PVC       Material wire isolation     PVC       Material wire isolation     PVC-, cadmium-, silicone- and lead-free       Shore hardnees wire isolation     42 ± 0.1	Coating of fitting	nickel plated
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2:101 (M12)       Cable     223       Cable identification     223       Cable identification     223       Cable velopit (g/m)     35,97 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 Q/km (20 °C)       Single wije Ø (core)     0.1 mm       Construction (core)     42× 0.1 mm (multi-strand wire class 6)       Diameter (core)     3 × 0.34 mm²       AWG     simillar to AWG 22       Material wire isolation     Y25 D       Vire-Ø icni. isolation     1.25 m.5%       Color/mumbering of wires     br, bk, bl       Shrare hardness wire isolation     3.25 D       Wire-Ø icni. isolation     1.25 mm.45%       Color/mumbering of wires<	Locking material	Zinc die-casting
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Cable     Cable     Cable     Cable       Cable identification     223     Cable Identification     223       Cable of [g/m]     35.97 g     Gable velogit [g/m]     35.97 g       Material wire     Cu wire, bare     Construction (core)     Material wire       Costince (core)     0.1 mm (multi-strand wire class 6)     Construction (core)     42 × 0.1 mm (multi-strand wire class 6)       Construction (core)     42 × 0.1 mm (multi-strand wire class 6)     Construction (core)     42 × 0.1 mm (multi-strand wire class 6)       Diameter (core)     3 × 0.34 mm²     Material property wire insulation     CFC-, cadmium-, silicone- and lead-free       Material wire isolation     PVC     Material property wire insulation     CFC-, cadmium-, silicone- and lead-free       Shore h	Material screw connection	Zinc die-casting
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature may.depending on cable qualityConformityProduct standardDIN EN 61076-2:101 (M12)Cable223Cable identification223Cable 70°2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Q/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3.0.34 mm²AWGsimilar to AWG 22Material property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ± 5 DWire-0 incl. isolation1.25 mm 15%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial jacketPUR/PVCMaterial jacketPUR/PVCMaterial jacketPUR/PVCMaterial jacketPUR/PVCMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant.	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12)       Cable        Cable identification     223       Cable 700     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     35.97 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 G/km (20 °C)       Single wire Ø (core)     0.1 nm       Construction (core)     42× 0.1 mm (multi-strand wire class 6)       Diameter (core)     3.0.34 nm²       AWG     similar to AWG 22       Material vire isolation     PVC       Material vire isolation     PVC       Material property wire insulation     CFC-, cadmium-, silicone- and lead-free       Shore hardness wire isolation     12 stm ±5%       Color/numbering of wires     br, bk, bl       Stranding combination     3 wires twisted       Shield     no       Material jacoket <td>Mounting method</td> <td>inserted, screwed, Shaking protection</td>	Mounting method	inserted, screwed, Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12)       Cable        Cable identification     223       Cable 700     2 (PUR/PVC)       Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable weight [g/m]     35.97 g       Material wire     Cu wire, bare       Resistor (core)     max. 57 G/km (20 °C)       Single wire Ø (core)     0.1 nm       Construction (core)     42× 0.1 mm (multi-strand wire class 6)       Diameter (core)     3.0.34 nm²       AWG     similar to AWG 22       Material vire isolation     PVC       Material vire isolation     PVC       Material property wire insulation     CFC-, cadmium-, silicone- and lead-free       Shore hardness wire isolation     12 stm ±5%       Color/numbering of wires     br, bk, bl       Stranding combination     3 wires twisted       Shield     no       Material jacoket <td>Environmental characteristics   Climatic</td> <td></td>	Environmental characteristics   Climatic	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Cable     Cable     Cable       Cable identification     223     Cable identification     223       Cable identification     223     Cable identification     23       Cable identification     259     2 (PUR/PVC)     Approval (cable)     UL (AWM-Style 20549/1731), CSA; CE conform       Cable wight [g/m]     35,97 g     Gable wight [g/m]     35,97 g       Material wire     Cu wire, bare     Resistor (core)     max. 57 Ω/km (20 °C)       Single wire Ø (core)     0.1 mm     Construction (core)     42 × 0.1 mm (multi-strand wire class 6)       Dianeter (core)     3x 0.34 mm²     AWG     similar to AWG 22       Material property wire insulation     CFC-, cadmium-, silicone- and lead-free     Shore hardness wire isolation     42 s D       Vire-Ø incl. isolation     1.25 mm ±5%     Color/numbering of wires     br, bl     Stranding combination       Shore hardness wire isolation     3 wires twisted     Shield     no     Material jacket	· · ·	-25 °C
Additional condition temperature range   depending on cable quality     Conformity     Product standard   DIN EN 61076-2-101 (M12)     Cable   Cable identification     Cable identification   223     Cable of the proval (cable)   UL (AWM-Style 20549/1731), CSA; CE conform     Cable weight [g/m]   35,97 g     Material wire   Cu wire, bare     Resistor (core)   max. 57 Ω/km (20 °C)     Single wire Ø (core)   0.1 mm     Construction (core)   42× 0.1 mm (multi-strand wire class 6)     Diameter (core)   3x 0.34 mm²     AWG   similar to AWG 22     Material wire isolation   PVC     Material property wire insulation   CFC-, cadmium-, silicone- and lead-free     Shore hardness wire isolation   43 ± 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   PUR/PVC     Material property (jacket)   CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant	· · · ·	
ConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification223Cable Jype2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3x 0.34 mm²AWGsimilar to AWG 22Material property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. Isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial jacketPUR/PVCMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant		
Product standardDIN EN 61076-2-101 (M12)CableCable identification223Cable identification223Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Q/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant		
CableCable identification223Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35.97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, mati, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant		
Cable identification223Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial jacketPUR/PVCMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant		
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Shore hardness wire isolation   43 ±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   PUR/PVC     Material property (jacket)   CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant		
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resistant, hydrolysis and microbial resistant	Material jacket	
Shore hardness jacket 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)		resistant, hydrolysis and microbial resistant
	Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)

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Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	gray
chemical resistance	good resistance to oil, gasoline and chemicals
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
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>

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