

## Y-Distributor M12 male / M12 female 90° A-cod.

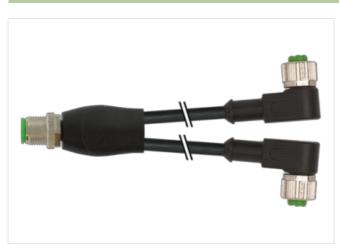
PUR 3x0.34 bk UL/CSA 4.5m

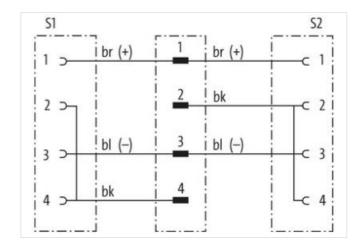
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

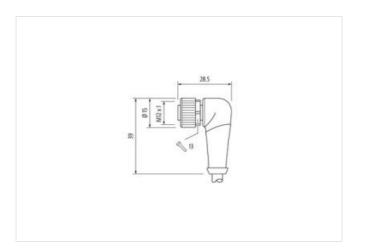
Y-connector M12 – M12, 4-pole Male straight – females 90° bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

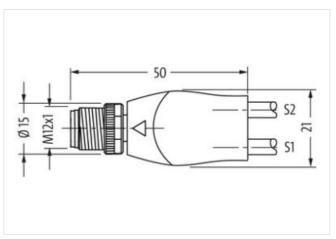
## Link to Product

Illustration



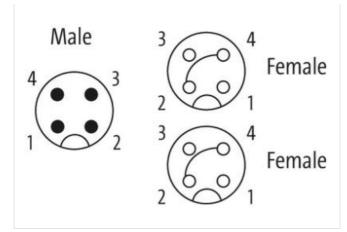






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25 Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de





Product may differ from Image



Cable length	4,5 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
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
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Family construction form	M12
Coding	A
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060313
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313

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outsom staff number      85444200        GTN      404887886614        Packaging unit      1        Electrical data   Supply      00        Operating voltage AC max.      250 V        Operating voltage DC max.      4A        Installation (Connection      V        Mounting set      M12 x 1        Device protection   Electrical      Additional condition protection degree        Follution Dagree      3        Rated auge voltage      2.5 KV        Material group (EleC 6668-1)      I        Meterial group (EleC 6668-1)      I        Meterial grade      Rold        Coating licel foldest      Rold        Coating licel foldest      Rold        Material grade      Rold        Material grade <td< th=""><th>ETIM-5.0</th><th>EC001855</th></td<>	ETIM-5.0	EC001855
Packaging unit      1        Electrical data   Suppiy	customs tariff number	85444290
Electrical data   Supply      Coperating voltage AC max.      260 V        Operating voltage AC (ull-listed)      30 V      Coperating voltage AC (ull-listed)      30 V        Operating voltage AC (ull-listed)      30 V      Coperating voltage AC (ull-listed)      30 V        Coperating voltage AC (ull-listed)      30 V      Coperating voltage AC (ull-listed)      30 V        Content operating per contact max.      4 A      Installation   Connection      Installation   Connection   Percencion   Perc	GTIN	4048879856614
Operating voltage AC max.      250 V        Operating voltage AC (UL-listed)      30 V        Operating voltage AC (UL-listed)      30 V        Operating voltage AC (UL-listed)      30 V        Current operating per contact max.      4 A        Instillation (Contention)      Instillation (Contention)        Mounting set      M12 x 1        Diverge protection [Electrical]      Instillation (Contention)        Additional contention protection degree      9        Patted surge voltage      2.5 kV        Material group (Electrical)      I        Methanical data [Material data      Costing (Contention)        Costing (Contegree)      9        Costing (Contegree)      1        Material gasket      FKM        Costing (Contegree)      2.5 kV        Material gasket      FKM        Costing (Contegree)      2.5 kV        Material gasket      FKM        Costing (Contegree)      2.5 kV        Material gasket      IN Contecesting        Deparating lemperature max.      85 °C        Operating lemperature max.      85 °C        Operating lemperature max.      85 °C <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC max.      250 V        Operating voltage DC (UL-listed)      30 V        Current operating per contact max.      4 A        Installation   Connection      Installation   Connection        Mounting set      M12 x 1        Device protection   Electrical      Inserted, screwed        Palluton Degree      3        Rated surge voltage      2,5 kV        Material group (IEC 6064-1)      1        Mechanical data   Material data      Conting lacing of fitting        Coating lacing of fitting      nickel plated        Material gravet      Zinc dire-casting        Material acreation of fitting      nickel plated        Material acreation      Zinc dire-casting        Material acreation on cable quality	Electrical data   Supply	
Operating voltage AC (UL-Island)      90 V        Operating voltage DC (UL-Island)      90 V        Convert operating per consta trax.      4 A        Insialistical Connection      Mounting set        Mounting set      M12 x 1        Device protection [Electrical      Additional condition protection degree        Additional condition protection degree      8        Flands surge voltage      2.5 kV        Material group (EC 68664-1)      1        Mechanical data   Material data      Coating locking        Coating locking      Nickelaid        Material gasket      FNA        Locking material      Zinc dise-casting        Material soerw connection      Zinc dise-casting        Mounting method      inserted, screwed, Shaking protection        Environmental charactoristics   Climatic      Operating temperature min.        Operating temperature min.      -25 *C        Operating temperature may.      85 *C	Operating voltage AC max.	250 V
Operating voltage AC (UL-Island)      90 V        Operating voltage DC (UL-Island)      90 V        Convert operating per consta trax.      4 A        Insialistical Connection      Mounting set        Mounting set      M12 x 1        Device protection [Electrical      Additional condition protection degree        Additional condition protection degree      8        Flands surge voltage      2.5 kV        Material group (EC 68664-1)      1        Mechanical data   Material data      Coating locking        Coating locking      Nickelaid        Material gasket      FNA        Locking material      Zinc dise-casting        Material soerw connection      Zinc dise-casting        Mounting method      inserted, screwed, Shaking protection        Environmental charactoristics   Climatic      Operating temperature min.        Operating temperature min.      -25 *C        Operating temperature may.      85 *C		250 V
Operating voltage DC (UL-listed)      90 Y        Current operating per contact max.      4 A        Installation   Connection      Mouning set        Mouning set      M12 x 1        Device protection   Electrical      Additional condition protection degree        Additional condition protection degree      inserted, screwed        Patidation Degree      3        Rated surge voltage      2.5 kV        Material grace (EG 68084-1)      I        Mechanical data   Material grastet      EK        Material grastet      FKM        Material grastet      FKM        Lockup material      Zinc die casting        Mechanical data   Mounting data      Zinc die casting        Deparating imperature min.      -25 °C        Operating imperature min.      -25 °C        Operating imperature min.      -25 °C        Operating imperature max.      85 °C        Additional condition tempera		30 V
Current operating per contact max.      4 A        Installion   Connection      Mounting set      M 12 x 1        Device protection   Electrical		30 V
Installation   Connection      M12 x 1        Device protection   Electrical		4 A
Device protection [Electrical        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Raded surge voltage      2.5 kV        Material group (IEC 60664-1)      1        Mechanical data [Material data      Coating of filing        Coating of filing      Nickelad        Coating of filing      Nickelad        Coating of filing      Nickelad        Coating of filing      Nickelad        Material screw connection      Zinc die-caating        Material screw connection      Since die caating        Material screw connection      Zinc die-caating        Material screw connection      Since die caating        Material screw connection      Since die caating        Material screw connectistics [Climatic      Control        Control      Contr		
Additional condition protection degree  inserted, screwed    Politoin Degree  3    Rated surge voltage  2,5 kV    Material group (IEC 60664-1)  1    Mechanical data   Material data	Mounting set	M12 x 1
Pollution Degree      3        Rated surge voltage      2.5 kV        Material group (EC 60664-1)      1        Mechanical data [Material data      Coating locking        Coating locking      Nickeled        Coating locking      Nickeled        Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Mechanical data [Mounting data      Mechanical data [Mounting data        Mounting method      inserted, screwed, Shaking protection        Environmental characteristics   Glimatic      Gendering temperature max.        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      Cable Type        2 (PULPPVC)      Approval (cable)        Approval (cable)      UL (AVM-Style 20549/1731), CSA: CE conform        Cable type      2 (PULPVC)        Approval (core)      0, 1 mm (multi-strand wire class 6)        Construction (core)      42 × 0.1 mm (multi-strand wire class 6)        Din	Device protection   Electrical	
Pollution Degree      3        Rated surge voltage      2.5 kV        Material group (EC 60664-1)      1        Mechanical data [Material data      Coating locking        Coating locking      Nickeled        Coating locking      Nickeled        Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Mechanical data [Mounting data      Mechanical data [Mounting data        Mounting method      inserted, screwed, Shaking protection        Environmental characteristics   Glimatic      Gendering temperature max.        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      Cable Type        2 (PULPPVC)      Approval (cable)        Approval (cable)      UL (AVM-Style 20549/1731), CSA: CE conform        Cable type      2 (PULPVC)        Approval (core)      0, 1 mm (multi-strand wire class 6)        Construction (core)      42 × 0.1 mm (multi-strand wire class 6)        Din	Additional condition protection degree	inserted. screwed
Rated surge voltage    2.5 kV      Material group (IEC 6068-1)    I      Mechanical data   Material data    Coating of fitting      Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material stress connection    Zinc die-casting      Material stress connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed, Shaking protection      Environmental characteristics   Climatic    Operating temperature max.      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    Cable identification      623    Cable reget (g/m)      Gable rype    2 (PUR/PVC)      Approval (cable)    UL (AVMM 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		
Material group (IEC 60664-1)      I        Mechanical data   Material data         Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material gasket      FKM        Material screw connection      Zinc die-casting        Mechanical data   Mounting data      inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Operating temperature min.        -25 °C      Operating temperature max.        Additional condition temperature range      depending on cable quality        Conformity         Product standard      DIN EN 61076-2-101 (M12)        Cable         Cable identification      623        Cable rype      2 (PUR/PVC)        Approval (cable)      UL (AWM-Style 20549/1731), CSA; CE conform        Cable rype      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)      nark. 57 Ω/km (20 °C)        Single wire Ø (core)      0.1 mm		
Mechanical data   Material data        Coating locking      Nickeled        Coating of fitting      nickel pland        Material gaskat      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Mechanical data   Mounting data      Inc die-casting        Mounting method      inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Operating temperature min.        Operating temperature max.      85 °C        Additional condition temperature range      depending on cable quality        Contermity      Environmental characteristics   Climatic        Product standard      DIN EN 61076-2-101 (M12)        Cable      Cable identification        623      Cable Type        Cable fype      2 (PUR/PVC)        Approval (cable)      UL (AWM-Style 2054/91/731), CSA; CE conform        Cable wight [g/in]      35,97 g        Material wire      Cu wire, bare        Resistor (core)      max. 57 Dkm (20 °C)        Single wire Ø (core)      0.1 mm        Construction (core)      42x 0.1 mm (multi-strand wire class 6)        Diameter (core)		
Coating locking      Nickeled        Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Material screw connection      Zinc die-casting        Muterial screw connection      Zinc die-casting        Operating temperature man.      25 °C        Operating temperature max.      85 °C        Additional condition temperature mape      depending on cable quality        Conformity      E        Product standard      DIN EN 61076-2-101 (M12)        Cable diontification      623        Cable forpt      2 (PUR/PVC)        Approval (cable)      UL (AWM-Style 20549/1731), CSA; CE conform        Cable weight (g/m) </td <td></td> <td></td>		
Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material serve connection    Zinc die-casting      Mechanical data   Mounting data		Nickeled
Material gasket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Mechanical data   Mounting data      Inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Operating temperature min.      -25 °C        Operating temperature min.      -25 °C      Operating temperature max.      85 °C        Additional condition temperature range      depending on cable quality      Offermity        Product standard      DIN EN 61076-2-101 (M12)      Cable        Cable      Cable identification      623        Cable identification      623      Cable identification      623        Cable identification      623      Cable identification      623        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)      3× 0.34 mm²        MWG      similar to AWG 22      Material property wire insolation      FCC, cadmium-, silicone- and lead-free        Shore hardness wire isolation      1.25 mm ±		
Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Mechanical data   Mounting data      Inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Operating temperature min.      -25 °C        Operating temperature max.      85 °C      Additional condition temperature range      depending on cable quality        Contornity      Product standard      DIN EN 61076-2-101 (M12)      Cable        Cable identification      623      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)      3.0.3 4 mm²      AWG      similar to AWG 22        Material wire isolation      PVC      Material property wire insulation      CFC-, cadmium-, silicone- and lead-free        Shore hardness wire isolation      1.25 mm ±5%      Color/mumbers      black similar to RAL 9005		· · · · · · · · · · · · · · · · · · ·
Material screw connection    Zinc die-casting      Mechanical data   Mounting data      Mounting method    inserted, screwed, Shaking protection      Environmental characteristics   Climatic      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    Cable identification      Gable 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 Ω/km (20 °C)      Gingle wire Ø (core)    0.1 mm (multi-strand wire class 6)      Diameter (core)    3 × 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    4 25 D      Wire-Ø Incl. isolation    1.25 mm ±5%      Color.mumbering of wires    black similar to RAU 632      Material prop		
Mechanical data   Mounting data        Mounting method      inserted, screwed, Shaking protection        Environmental characteristics   Climatic		-
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCable2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable sidentification623Cable 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 wire isolation43 ± 5 DWire-Ø ind. isolation1.25 mm ±5%Colorinumbering of wiresblack similar to RAL 9005Stranding combination3 wires twisted		
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCableCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AVM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire (G 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 wiresblack similar to RAL 9005Stranding combination3 wires twisted		incented exercised Challing protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identificationCable identification623Cable Type2 (PUR/PVC)Approval (cable)UL (AVM-Style 20549/1731), CSA; CE conformCable weight [g/m]35,97 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire of 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 wiresblack similar to RAL 9005Stranding combination3 wires twisted	-	
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 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 Ω/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        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      black similar to RAL 9005      Stranding combination      3 wires twisted	· · · ·	
Additional condition temperature range    depending on cable quality      Conformity    Product standard    DIN EN 61076-2-101 (M12)      Cable    Cable    Cable      Cable Joyne    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 Ω/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      AWG    similar to AWG 22      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    black similar to RAL 9005      Stranding combination    3 wires twisted		
ConformityProduct standardDIN EN 61076-2-101 (M12)CableCable identification623Cable 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 wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresblack similar to RAL 9005Stranding combination3 wires twisted		
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Material 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 wiresblack similar to RAL 9005Stranding combination3 wires twisted	Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Resistor (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 wiresblack similar to RAL 9005Stranding combination3 wires twisted	Cable weight [g/m]	35,97 g
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 wiresblack similar to RAL 9005Stranding combination3 wires twisted	Material wire	Cu wire, bare
Construction (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 wiresblack similar to RAL 9005Stranding combination3 wires twisted	Resistor (core)	max. 57 Ω/km (20 °C)
Diameter (core) $3 \times 0.34 \text{ mm}^2$ 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    black similar to RAL 9005      Stranding combination    3 wires twisted	Single wire Ø (core)	0.1 mm
AWGsimilar 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 wiresblack similar to RAL 9005Stranding combination3 wires twisted	Construction (core)	42× 0.1 mm (multi-strand wire class 6)
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  black similar to RAL 9005    Stranding combination  3 wires twisted	Diameter (core)	3× 0.34 mm <sup>2</sup>
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    black similar to RAL 9005      Stranding combination    3 wires twisted	AWG	similar to AWG 22
Shore hardness wire isolation    43 ±5 D      Wire-Ø incl. isolation    1.25 mm ±5%      Color/numbering of wires    black similar to RAL 9005      Stranding combination    3 wires twisted	Material wire isolation	PVC
Wire-Ø incl. isolation  1.25 mm ±5%    Color/numbering of wires  black similar to RAL 9005    Stranding combination  3 wires twisted	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wires  black similar to RAL 9005    Stranding combination  3 wires twisted	Shore hardness wire isolation	43 ±5 D
Stranding combination 3 wires twisted	Wire-Ø incl. isolation	1.25 mm ±5%
	Color/numbering of wires	black similar to RAL 9005
Shield	Stranding combination	3 wires twisted
	Shield	no
Material jacket PUR/PVC	Material jacket	PUR/PVC

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: 2024-04-25

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Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	black
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>

Acceleration (C-track)

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