

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

PVC 3x0.34 ye UL/CSA 3m

Art.No.: 7000-40701-0130300

Weight: 0.25

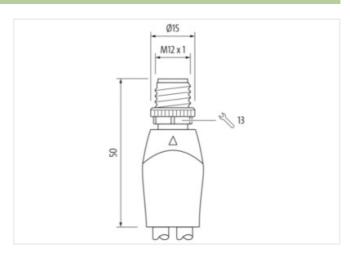
Country of origin: CZ

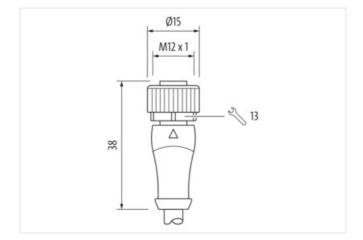
Model designation: MSAYTL0-BR013\_3.0-BR013\_3.0

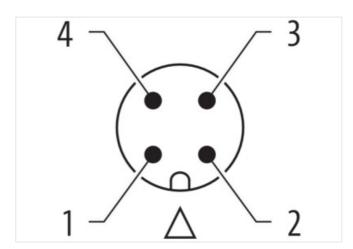
## **Link to Product**

## Illustration



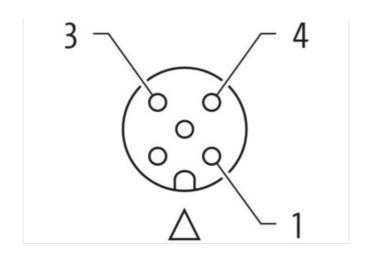


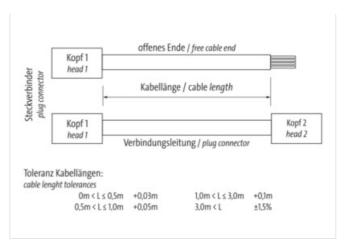


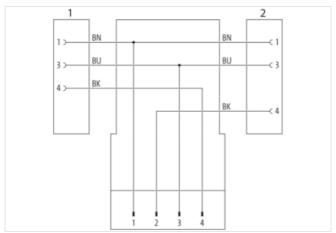




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Product may differ from Image















Side 1	
Family construction form	M12
No. of poles	3
Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	M12
No. of poles	3



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Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Material contact	
	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)  Side 3	IP67, IP66K, IP65
Family construction form	M12
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Commercial data	
Commercial data URL Webshop	https://shop.murrelektronik.com/7000-40701-0130300
	https://shop.murrelektronik.com/7000-40701-0130300 4048879158077
URL Webshop	
URL Webshop GTIN	4048879158077
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Display   Disp	Current operating per contact max.	4 A
Device protection   Electrical   Additional protection degree   3	Diagnostics	
Additional candition protection degree inserted, screwed Pollution Degree 3 Failed surge voltage 2,5 kV Material group (EC 80864-1) Mechanical data (Material data) Mechanical data (Material data) Mechanical data (Material data) Mechanical data) Mechanical data (Material data) Mechanical data) Material group (EC 80864-1) Material group (EC 80864-1) Material group (EC 80864-1) Material group own commodition Zinc die casting Coating including Coating including Material data (Material data) Material grows commodition Note dead Material grows (Material data) Material grows (Material data) Material grows (Material data) Material data (Material data) Material data (Material data) Material grows (Material data)	Status indication LED	no
Additional candition protection degree inserted, screwed Pollution Degree 3 Failed surge voltage 2,5 kV Material group (EC 80864-1) Mechanical data (Material data) Mechanical data (Material data) Mechanical data (Material data) Mechanical data) Mechanical data (Material data) Mechanical data) Material group (EC 80864-1) Material group (EC 80864-1) Material group (EC 80864-1) Material group own commodition Zinc die casting Coating including Coating including Material data (Material data) Material grows commodition Note dead Material grows (Material data) Material grows (Material data) Material grows (Material data) Material data (Material data) Material data (Material data) Material grows (Material data)	Device protection   Electrical	
Failution Degree 3 Ratid surge voltage 2,5 kV  Material group (IEC 96984-1) 1  Material group (IEC 96984-1) 2  Material group (IEC 96984-1) 7  Material group connection 2  Cading of Billing nickel plated 1  Locking material 2  Locking material 2  Locking material 2  Cading of Billing 1  Note of Broad 1  Material gasket 7  Material gasket 8  Material gasket 9  Material gasket 9		inserted screwed
Rates a group (REC 80664-1)         1           Mehrerial group (REC 80664-1)         1           Mechanical data (Material data)         Material group (REC 80664-1)           Material group (REC 80664-1)         Zho die casting           Cating of Itting         mobel plated           Coding globsing         Nickeled           Material gaskel         FKM           Mechanical data (Mounting data)         miserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics (Climate)         Environmental characteristics (Climate)           Environmental characteristics (Climate)         85°C           Coperating temperature max.         85°C           Additional condition temperature range         85°C           Motion on bonding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangared by excessive bending forces.           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be endangared by excessive bending force	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Mechanical data   Material data   Material data   Material screw connection   Zinc die-casting   Coating of fitting   nickel plated   Cocking material   Zinc die-casting   Nickeled   Cocking naterial   Zinc die-casting   Nickeled   Material gaskel   FKM   Mechanical data   Munting data		
Meterial data   Material data           Material screw connection         Zinc die-casting           Coating of Ritting         nickel plated           Locking material         Zinc die-casting           Coating oloking         Nickeled           Material gaskelt         FKM           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         65 °C           Additional condition temperature max.         65 °C           Additional condition temperature max.         65 °C           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Contential         Description (Cable Cable (Institution)           Cable indentification         013           Cable indentification         015           Cable indentification         0		
Material screw connection Zinc die-casting Coating of titting nickel plated Coating of titting nickel plated Coating locking Nickeled Material gasket FMM Mechanical data [Mounting data] Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Perating temperature min. 30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes  Note on serting radius Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable Cable identification   Cable Type 1 Stranding Wires Wire arrangement brown, black, blue Cable identification   1.25 mm Material properties wire insulation   1.25 mm Material properties wire insulation   2.005 mm Material properties wire insulation   2.005 mm Material properties wire insulation   2.05 mm Material properties wire insulation   2.05 mm Condition (Cable Trope (Carlo Carlo Carl		'
Coating of fitting         nickel plated           Locking material         Zinc die casting           Coating locking         Nokeled           Material gasket         FKM           Mechanical datal Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature max         85 °C           Additional condition temperature range         85 °C           Additional condition temperature range         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Contomity         Froduct standard         IN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         013           Cable identification         013         Cable identification           Cable identification         013         Cable identification           <	•	
Locking material         Zinc die easting           Coating locking         Nickeled           Macterial gasket         FKM           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature mix         30 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on packing and p		
Coating locking         Nickeled           Material gasket         FKM           Mechanical datal Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Commonental characteristics   Climatic           Coperating temperature min.         30 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on brading radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain rule?         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain rule?         Attention observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain rule?         Attention observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain rule         Attention observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain rule         Attention observe the measures from mechanical loads, e.g. by the		· · · · · · · · · · · · · · · · · · ·
Material gasket         FKM           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -30 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Conformity         Image: Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           Cable identification         013           Cable Type         1           Amount stranding         1           Wires         Wires           Wire arrangement         brown, black, blue           Cable weight         34.1 g/m           Material wire insulation         PVC           Amount wires         3		
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Coating locking	
Mounting method inserted, screwed, Shaking protection    Portinomental characteristics   Climatic	Material gasket	FKM
Environmental characteristics   Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature remax. 85 °C Additional condition temperature remax. 85 °C Additional condition temperature remax. Additional condition in the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Contormity  Product standard DIN En 61076-2-101 (M12)  Installation   Cable  Cable Installation   Cable  Cable Installation   Din En 61076-2-101 (M12)  Installation   Cable  Cable Installation   Din En 61076-2-101 (M12)  Installation   Cable  Cable Installation   Din En 61076-2-101 (M12)  Installation   Din En 61076-2-101 (M12)  Installation   Din En 61076-2-101 (M12)  Installation   Cable  Cable Installation   Din En 61076-2-101 (M12)  Installation   Din En 61076-2-101	Mechanical data   Mounting data	
Operating temperature min. 30 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation (Cable Cable identification 11 Amount stranding 11 Amount stranding 11 Stranding Wires Wires Wire arrangement Drown, black, blue Cable weigth Material wire insulation PVC Amount wires 3 Outer diameter lolerance core insulation 1,25 mm Outer diameter lolerance core insulation Shore hardness wire insulation 1,26 mm Amount strands (wire) 1,9 Diameter of single wires 0,134 mm Material conductor wire Stranding Stranding Stranding Shore for consessection (wire) 0,34 mm Material conductor wire Stranded copper wire, bare Conductor rossesction (wire) Strand class 5 Outer diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) 5,5 % Material propriems glacket) Fredom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free Fredom from ingredients (jacket) Fredom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Contormity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 013  Cable Type 1 Amount stranding 1 Stranding Wires  Wire arrangement brown, black, blue  Cable weight 34.1 g/m  Material wire insulation PVC  Amount wires 3 Outer diameter insulation 1.25 mm  Outer diameter insulation 900 machinability  Ingredient freeness wire insulation good machinability  Ingredient freeness wire insulation CPC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material properties wire insulation 2 stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (sheath) 2.5 %  Material jacket PVC  Streedom from ingredients (jacket) CFC-free, cadmium-free, elicone-free, lead-free	Environmental characteristics   Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Contormity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 013  Cable Type 1 Amount stranding 1 Stranding Wires  Wire arrangement brown, black, blue  Cable weight 34.1 g/m  Material wire insulation PVC  Amount wires 3 Outer diameter insulation 1.25 mm  Outer diameter insulation 900 machinability  Ingredient freeness wire insulation good machinability  Ingredient freeness wire insulation CPC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material properties wire insulation 2 stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (sheath) 2.5 %  Material jacket PVC  Streedom from ingredients (jacket) CFC-free, cadmium-free, elicone-free, lead-free	Operating temperature min.	-30 °C
Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable Identification 013  Cable Type 1  Amount stranding 1  Armount stranding Wires  Wires  Wires  Wires  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 12.5 mm  Outer diameter folerance core insulation 2.005 mm  Shore hardness wire insulation 3.000 mm  Geodemater freeness wire insulation 3.000 mm  Conductor trees wire insulation 4.5 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Strand class 5  Outer diameter (jacket) 4.6 mm  Atterial properties wire insulation 3.4 mm²  Material properties wire insulation 4.5 mm  Conductor trees wire insulation 5.7 mm  Conductor trees wire insulation 4.5 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Strand class 5  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) 5.5 %  Material jacket PVC  Stranded confirence, lead-free  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free		
Important installation notes           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Image: Image		
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  013  Cable Type  1  Amount stranding  I  Stranding  Wires  Wire arrangement  brown, black, blue  Cable weigth  34.1 g/m  Material wire insulation  PVC  Amount wires  3  Outer diameter tolerance core insulation  45.5 mm  Outer diameter tolerance core insulation  45.0 y mm  Shore hardness wire insulation  CFC-free, cadmium-free, sillcone-free, lead-free  Amount strands (wire)  19  Diameter of single wires  0.15 mm  Atterial conductor wire  Stranded copper wire, bare  Amount strands (wire)  19  Diameter of single wires  0.15 mm  Atterial conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  £ 5 %  Material processes (in long-free, lead-free)  Amount signed wires  Outer diameter (sheath)  £ 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, sillcone-free, lead-free		dopontaing on outside quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable   Cable identification 013  Cable Type 1 Amount stranding 1 Stranding Wires 3 Outer diameter tolerance core insulation 1.25 mm  Outer diameter swire insulation 45 Shore hardness jacket 1 Amount strands (wire) 19 Diameter of single wires 0.15 mm  Conductor type (wire) Strand cooper wire, bare Conductor type (wire) Strand cooper wire, bare Conductor type (wire) Strand cooper wire, bare Conductor type (wire) Strand cooper free, lead-free Conductor type (wire) Strand cooper free, cadmium-free, silicone-free, lead-free  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Important installation notes	
Conformity         Conduct standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         013           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         45           Material properties wire insulation         45           Material properties wire insulation         GFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Shore hardness jacket         85           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-fr	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable   Cable identification 013  Cable Type 1 Amount stranding 1 Stranding Wires  Wire arrangement brown, black, blue Cable weigth 34.1 g/m  Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 45  Material properties wire insulation good machinability Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19 Diameter of single wires 0.15 mm  Conductor crosssection (wire) Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification 013 Cable Type 1 Amount stranding 1 Stranding Wires Wire arrangement brown, black, blue Cable weigth 34.1 g/m Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation 45 Material properties wire insulation good machinability Ingredient freeness wire insulation GFC-free, cadmium-free, silicone-free, lead-free Material properties over the stranded copper wire, bare Conductor vire Stranded copper wire, bare Outer-diameter (jacket) 4.6 mm Tolerance outer diameter (sleath) ± 5 % Material jacket PVC Shore hardness jacket 65 Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Conformity	
Cable identification         013           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         45           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PVC           Shore hardness jacket         85           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free <td>Product standard</td> <td>DIN EN 61076-2-101 (M12)</td>	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 1 Amount stranding 1 Stranding Wires Wire arrangement brown, black, blue Cable weight 34.1 g/m Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation 45 Material properties wire insulation good machinability Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded cass 5 Outer-diameter (jacket) 4.6 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PVC Shore hardness jacket 85 Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Installation   Cable	
Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1.25 mm           Outer diameter tolerance core insulation         \$0.05 mm           Shore hardness wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PVC           Shore hardness jacket         85           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free	Cable identification	013
Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1.25 mm           Outer diameter tolerance core insulation         \$0.05 mm           Shore hardness wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PVC           Shore hardness jacket         85           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free	Cable Type	
Wire arrangement brown, black, blue  Cable weight 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm  Shore hardness wire insulation 45  Material properties wire insulation good machinability  Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material jacket PVC  Shore hardness jacket 85  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Amount stranding	1
Cable weigth 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm  Shore hardness wire insulation 45  Material properties wire insulation good machinability  Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material jacket PVC  Shore hardness jacket 85  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Stranding	Wires
Cable weigth 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm  Shore hardness wire insulation 45  Material properties wire insulation good machinability  Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material jacket PVC  Shore hardness jacket 85  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Wire arrangement	brown, black, blue
Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1.25 mm         Outer diameter tolerance core insulation       ± 0.05 mm         Shore hardness wire insulation       45         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       CFC-free, cadmium-free, silicone-free, lead-free         Amount strands (wire)       19         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Outer-diameter (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jacket       PVC         Shore hardness jacket       85         Freedom from ingredients (jacket)       CFC-free, cadmium-free, silicone-free, lead-free		
Outer diameter insulation       1.25 mm         Outer diameter tolerance core insulation       ± 0.05 mm         Shore hardness wire insulation       45         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       CFC-free, cadmium-free, silicone-free, lead-free         Amount strands (wire)       19         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Outer-diameter (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jacket       PVC         Shore hardness jacket       85         Freedom from ingredients (jacket)       CFC-free, cadmium-free, silicone-free, lead-free		
Outer diameter tolerance core insulation       ± 0.05 mm         Shore hardness wire insulation       45         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       CFC-free, cadmium-free, silicone-free, lead-free         Amount strands (wire)       19         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Outer-diameter (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jacket       PVC         Shore hardness jacket       85         Freedom from ingredients (jacket)       CFC-free, cadmium-free, silicone-free, lead-free	Amount wires	3
Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation  CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire)  Diameter of single wires  0.15 mm  Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free	Outer diameter insulation	1.25 mm
Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation  CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire)  Diameter of single wires  0.15 mm  Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free	Outer diameter tolerance core insulation	± 0.05 mm
Material properties wire insulation       good machinability         Ingredient freeness wire insulation       CFC-free, cadmium-free, silicone-free, lead-free         Amount strands (wire)       19         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Outer-diameter (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jacket       PVC         Shore hardness jacket       85         Freedom from ingredients (jacket)       CFC-free, cadmium-free, silicone-free, lead-free	Shore hardness wire insulation	
Ingredient freeness wire insulation  CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire)  19  Diameter of single wires  0.15 mm  Conductor crosssection (wire)  0.34 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free	Material properties wire insulation	
Diameter of single wires  Conductor crosssection (wire)  0.34 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free		
Diameter of single wires  Conductor crosssection (wire)  0.34 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free	Amount strands (wire)	19
Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free		0.15 mm
Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Outer-diameter (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jacket       PVC         Shore hardness jacket       85         Freedom from ingredients (jacket)       CFC-free, cadmium-free, silicone-free, lead-free	Conductor crosssection (wire)	0.34 mm <sup>2</sup>
Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free		Stranded copper wire, bare
Outer-diameter (jacket)  7 olerance outer diameter (sheath)  ### ### ### ### ### ### ### ### ### #	Conductor type (wire)	•
Tolerance outer diameter (sheath) ± 5 %  Material jacket PVC  Shore hardness jacket 85  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free		4.6 mm
Material jacket     PVC       Shore hardness jacket     85       Freedom from ingredients (jacket)     CFC-free, cadmium-free, silicone-free, lead-free		
Shore hardness jacket 85 Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	. ,	
Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free		
	Material property (jacket)	good machinability



Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter