

## M12 male 0° / M12 female 0° A-cod.

TPE 4x18AWG ye UL/CSA. ITC/PLTC 2m

Male straight – female straight Cable is approved for 600 V M12 – M12, 4-pole USA

Cable is approved for 600 V

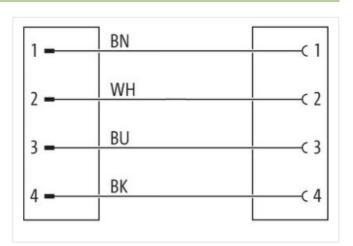
Plastic housings with good resistance against chemicals and oils.

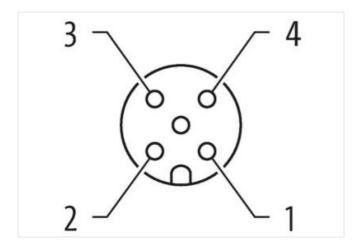
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

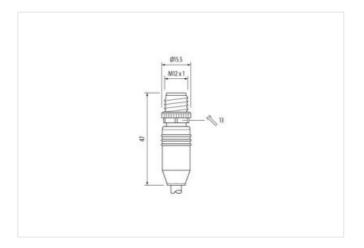
## **Link to Product**

## Illustration



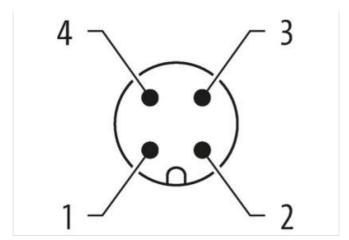


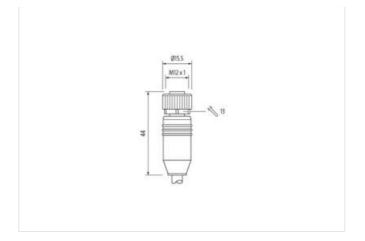






stay connected





Product may differ from Image











2 m
0,6 Nm
inserted, screwed
M12
M12 x 1
straight
A
4
SW13
0,6 Nm
inserted, screwed
M12
M12 x 1
straight
A
4
SW13
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4048879518277
1



stay connected

Operating voltage DC max.         250 V           Operating voltage AC (IL-Island)         30 V           Operating voltage AC (IL-Island)         30 V           Outrent operation per contact max.         4 A           Pervice protection (EN ICE 06529)         IPOS, IPOT, IPSBK           Additional condition protection degree         Insented, screwed           Pollution Degree         3           Raded surge voltage         2.5 kW           Meloral group (ICE 06641)         1           Meloral group (ICE 06641)         1           Meloral group (ICE 06641)         1           Mechanical data         Willrow           Controls (booking and book of the control data)         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature mix.         25 °C           Operating temperature mix.         45 °C         Operating temperature mix.         45 °C           Operating temperature mix.         45 °C         Operating temperature mix.         45 °C           Note on strain role!         Protect the connectors by suitable me	Operating voltage AC max.	250 V
Operating voltage AC (UL-isted) 30 V Corrent operating per contact max. 4 A  Device protection   Electrical  Device protection   Electrical  Device protection (EN EC 00529)   PP5, IP67, IP80K  Additional condition protection degree   Restard. screwed    Pollution Degree   3  Radios surge voltage   2,5 kV    Malerial group (IEC 00604-1)   I  Mechanical data   Miserial data    Contion for corruptated more   Wilhout    Mechanical data   Miserial data    Coating forching   Mickeled    Coating forching   Cooking   Cooking    Cooking method   Restard of Cooking    Mechanical data   Mounting data    Mounting method   Restard of Cooking    Coperating Interpretatur mix. 25 °C    Operating Interpretatur max. 25 °C    Operating Interpretatur max. 25 °C    Additional condition Interpretatur carge   depending on cable quality    Important Installation notes    Note on bending radius   Attention. Coopera the permassible bending radii with a protection class can be ending radii with a protection    Contromity   Din K 8 1075-2-101 (M12)    Installation   Cable    Coalde derification   150    Standard   150	Operating voltage DC may	
Operating vallage DC (UL releted) 30 V Current operating per contact max. 4 A  Positive protection (EN EC 005029) PS, IPS7, IPS0K  Additional condition protection (EN EC 005029) PS, IPS7, IPS0K  Polition Degree 3 S Rated surge voltage		
Davice protection   Electrical		
Degree of protection (EN IEC 60529) IPSS, IPS7, IPS6K Additional condition protection degree inserted, screwed Pollution Degree 3 Rede sturys voltage 2,5 kV Material group (IEC 8068-1) I  Contour for corrugated hose without  Machanical data  Contour for corrugated hose without  Machanical data I Material data  Contour for corrugated hose without  Machanical data I Material data  Coditing backing Signature of Signature		70
Additional condition protection degree   inserted, screwed   Pollution Degree   3     Rarded surge voltage   2,5 kV   Material group (IEC 60664-1)   1   Mechanical data   Control for corrugated hose   without   Mechanical data   Material data   Continu for corrugated hose   without   Mechanical data   Material data   Continu for corrugated hose   without   Mechanical data   Mounting data   Machanical data   Mounting data   Mechanical data   Mounting data   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mounting inserperature man,   25 °C   Operating temperature man,   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 radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity   Product standard   DIN EN 61076-2-101 (M12)   Installation   Cable   Cable identification   150   Cable identification   150   Cable identification   22 km   Material jacket   TPE   Freedom from ingredientis (gacket)   lead-free, CPC-free, halogen-free   Outer-diameter (glacket)   5 %   Malorial wire insulation   1,23 mm   Outer diameter (screen insulation   5 %   Malorial wire insulation   1,33 mm   Outer diameter (screen insulation   1,50		
Facilitation Diograe 3 Rated surge voltage 2, 5 kV Material group (FEC 60664-1)     Machanical diatal Contour for corrupted hose without Machanical diatal Material distal Contour for corrupted hose without Machanical diatal Material distal Contour for corrupted hose without Machanical diatal Mounting distal Machanical diatal Mounting distal Machanical distal Mounting distal Machanical installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Afterition: Coserve the permissible bending radii when laying cables, as the IP protection diass can be ordanigered by excessive bending forces.  Contomity  Product standard DIN En 61076-2-101 (M12)  Installation   Cable Costale identification   Costale identifi	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Rated surge voltage 2,5 kV Material group (ICC 60664-1) I  Contour for corrupated hose without  Machanical data   Material data  Contour for corrupated hose without  Machanical data   Material data  Contour for corrupated hose without  Machanical data   Material data  Contour for corrupated hose without  Machanical data   Material data  Contour for corrupated hose without		inserted, screwed
Material group (IEC 606841)  Mechanical data  Continur for corrugated hose without  Mechanical data   Material data  Continur for corrugated hose without  Mechanical data   Material data  Conting fooking Nickeled  Locking material  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Citmatic  Operating temperature min.  Operating temperature min.  Operating temperature may.  85 °C  Additional condition temperature may.  86 °C  Additional condition temperature may.  87 °C  Additional condition temperature may.  88 °C  Additional condition temperature may.  89 °C  Additional condition temperature may.  80 °C  Additional condition temperature may.  80 °C  Additional condition temperature may.  81 °C  Additional condition temperature may.  82 °C  Additional condition temperature may.  84 °C  Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   550  Jacket Color  yellow  Arrount stranding  1  Stranding  4 wires twisted  wire arragement  brown, black, blue, white  Cable weigh  22.4 gm  Material jacket  7.2 Imm  Tolerance outer diameter (sheath)  1.5 %  Material wire insulation  PVC  Arrount wires wire insulation  1.93 mm  Outer diameter (sheath)  1.93 mm  Outer diameter (sheath)  1.93 mm  Outer diameter (sheath)  1.93 mm  Outer diameter insulation  1.93 mm  Outer diameter (sheath)  1.94 AWG  Material productor over sive insulation  1.95 Wire (Conductor cross-sex wire insulation)  1.96 AWG  Outer diameter of single wires  1.98 AWG  Outer of single wires  1.99 AWG  Material conductor wire  No WY VE 6288-4		
Mechanical data         without           Mechanical data [Material data         Coctaning locking         Nickeled           Locking material         Zinc die-casting           Mechanical data [Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics [Climatic         Coperating temperature min.         25°C           Operating temperature man.         65°C         Coperating temperature man.         65°C           Additional condition temperature man.         65°C         Constitution (Condition temperature man.         65°C           Additional condition temperature man.         65°C         Condition (Condition temperature man.         65°C           Additional condition temperature man.         65°C         Condition (Condition temperature man.         65°C           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Institution of collegation (Collegation)         Dist En 61076-2-101 (M12)	* *	2,5 kV
Contour for corrugated hose         without           Mechanical data   Material data         Nickeled           Cocking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         2.5° °C           Operating temperature min.         35° °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <tr< td=""><td>Material group (IEC 60664-1)</td><td>I</td></tr<>	Material group (IEC 60664-1)	I
Mechanical data   Material data Coating looking Nickeled Locking material Size die casting  Mechanical data   Mounting data Mechanical data   Mounting data Mechanical data   Mounting data Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Environmental characteristics   Climatic  Professing temperature min.  Service depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contormity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 1 550  Lasked Color Yellow  Amount stranding 1 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 92,4 g/m  Material jacked Time ingredients (jacket) 1,21 mm  Tolerance outer diameter (sheath) 2,5 %  Material wire insulation PVC  Amount wires 4  Quiter diameter insulation 1,93 mm  Outer diameter insulation 1,93 mm  Outer diameter insulation 1,93 mm  Outer diameter insulation 1,93 mm  Diameter of single wire insulation 1,94 MVG  Conductor cross-section (wire) 1,84 AVG  Conductor cross-section (wire) 1,84 AVG  Conductor cross-section (wire) 1,84 AVG  Conductor cross-section (wire) 5,84 AVG  Correct toad capacity (standard) 1,01 NVDE 0288-4	Mechanical data	
Coating locking         Nickeled           Mechanical data   Mounting data         Zinc die casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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.           Contomity         Product standard         IS IN EN 61076 2-101 (M12)           Installation   Cable         Installation   Cable         Installation   Cable           Cable identification         150         Installation   Cable   Cable will be added   Cable will be adde	Contour for corrugated hose	without
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 95° °C  Operating temperature max. 85° °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Atention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 150  Cable identification 150  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 92.4 g/m  Material jacket TPE  Freedom from ingredients (jacket) 17E  Freedom from ingredients (jacket) 186  Material jacket 7PE  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount strands (wire insulation PVC  Amount wires arranged to the connector insulation 1,93 mm  Outer diameter (sheath) ± 5 %  Material wire insulation 1,93 mm  Outer diameter tolerance core insulation index-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Conductor crosssection (wire) 18 AWG  Conductor crosssection (wire) 5th AWG  Current load capacity (standard) 10 IN VPE 0298-4	Mechanical data   Material data	
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 95° °C  Operating temperature max. 85° °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Atention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 150  Cable identification 150  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 92.4 g/m  Material jacket TPE  Freedom from ingredients (jacket) 17E  Freedom from ingredients (jacket) 186  Material jacket 7PE  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount strands (wire insulation PVC  Amount wires arranged to the connector insulation 1,93 mm  Outer diameter (sheath) ± 5 %  Material wire insulation 1,93 mm  Outer diameter tolerance core insulation index-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Conductor crosssection (wire) 18 AWG  Conductor crosssection (wire) 5th AWG  Current load capacity (standard) 10 IN VPE 0298-4	Coating locking	Nickeled
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min.		
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 Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable Cable identification   150 Jacked Color yellow Amount stranding I   Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 92.4 g/m Material jacket TPE Freedom from ingredients (jacket)   1942 (mm) Tolerance outer diameter (jacket) 7,21 mm Tolerance outer diameter (jacket) 7,21 mm Tolerance outer diameter (jacket) 1,93 mm Outer diameter insulation 1,94 Mig Diameter of single wires 1,8 AWG Conductor crosssection (wire) 1,8 AWG Conductor crosssection (wire) 1,8 AWG Material conductor wire Stranded copper wire, bare Nominal voitage AC max. 600 V Current load capacity (standard) 1,0 DIN VDE 0298-4	-	
Environmental characteristics   Climatic Operating temperature min.		
Operating temperature min. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity Product standard DIN EN 61076-2-101 (M12) Installation   Cable Cable identification   150 Jacket Color yellow Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 92.4 g/m Material jacket TPE Freedom from ingredients (jacket)   19.4 mm Tolerance outer diameter (sheath) ± 5 % Material packet in singlation   4 wire insulation   PVC Amount wire insulation   PVC Amount wire insulation   1,93 mm Outer diameter insulation   1,93 mm Outer diameter tolerance core insulation   1,93 mm Outer diameter tolerance core insulation   19 minument of the product of the	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable  Cable identification 150 Jacket Color yellow  Amount stranding 1 Stranding 4 wires twisted  wire arrangement brown, black, blue, white Cable weight 92.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm Outer diameter insulation 1,93 mm Outer diameter freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 118 AWG Conductor crosssection (wire) 18 AWG Conductor crosssection (wire) Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification   150  Jacket Color yellow  Amount stranding 1    Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 92,4 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Outer-diameter (jacket) 7,21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires  4  Outer diameter insulation 1,93 mm  Outer diameter loterance core insulation 191  Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Operating temperature min.	-25 °C
Inportant installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN En 61076-2-101 (M12)  Installation   Cable  Cable identification   150  Jacket Color yellow  Amount stranding 1 Stranding   4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 92.4 g/m  Material jacket TPE  Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free  Outer-diameter (jacket)   7,21 mm  Tolerance outer diameter (sheath)   ± 5 %  Material wire insulation   PVC  Amount wires   4  Outer diameter insulation   1,93 mm  Outer diameter insulation   1,93 mm  Outer diameter core insulation   lead-free, CFC-free  Amount strandis (wire)   19  Diameter of single wires   18 AWG  Conductor crosssection (wire)   18 AWG  Material conductor wire   Stranded copper wire, bare  Nominal voltage AC max.   600 V  Current load capacity (standard)   to DIN VDE 0298-4	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 150  Jacket Color yellow  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 92.4 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Outer-diameter (jacket) 7.21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm  Outer diameter insulation 1,93 mm  Outer diameter reeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 150  Jacket Color yellow  Amount stranding 1  Stranding 4 wires twisted 5  wire arrangement brown, black, blue, white 6  Cable weighh 92,4 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free 6  Outer-diameter (jacket) 7,21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Quiter diameter insulation 1,93 mm  Outer diameter tolerance core insulation 1,93 mm  Outer diameter tolerance core insulation 1,93 mm  Ingredient freeness wire insulation 190  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Important installation notes	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 150  Jacket Color yellow  Amount stranding 1  Stranding 4 wires twisted wire arrangement brown, black, blue, white  Cable weighh 92,4 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Outer-diameter (jacket) 7,21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter tolerance core insulation 1,93 mm  Outer diameter tolerance core insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 150  Jacket Color yellow  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 92.4 g/m  Material jacket TPE  Freedom from ingredients (jacket) 1,21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm  Outer diameter tolerance core insulation 1,93 mm  Outer diameter tolerance core insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable           Cable identification         150           Jacket Color         yellow           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         92,4 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         7,21 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,93 mm           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         19           Diameter of single wires         18 AWG           Conductor crosssection (wire)         18 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         to DIN VDE 0298-4	Conformity	
Installation   Cable           Cable identification         150           Jacket Color         yellow           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         92.4 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         7,21 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,93 mm           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         19           Diameter of single wires         18 AWG           Conductor crosssection (wire)         18 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         to DIN VDE 0298-4	Product standard	DIN EN 61076-2-101 (M12)
Cable identification 150  Jacket Color yellow  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 92,4 g/m  Material conductor wire Namount strands (jacket) lead-free, CFC-free  Amount wires (jacket) 7,21 mm  Tolerance outer diameter (sheath) ±5 %  Material wire insulation PVC  Amount wires 4  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Namount wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to prown, black busines  Insulation 150  Jensel outer diameter insulation 1,93 mm  Outer diameter insulation 1,93 mm  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Installation   Cable	
Jacket Color yellow Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 92,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation   193 mm Diameter of single wires   18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4	•	150
Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 92,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4		
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 92,4 g/m  Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC Amount wires  4  Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19  Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4		<del>`</del>
wire arrangement brown, black, blue, white Cable weigth 92,4 g/m  Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4		
Cable weight 92,4 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Outer-diameter (jacket) 7,21 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm  Outer diameter insulation 1,93 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	=	
Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4		
Freedom from ingredients (jacket)  Outer-diameter (jacket)  7,21 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  Outer diameter insulation  1,93 mm  Outer diameter tolerance core insulation  bead-free, CFC-free  Amount strands (wire)  Ingredient freeness wire insulation  19  Diameter of single wires  18 AWG  Conductor crosssection (wire)  18 AWG  Material conductor wire  Stranded copper wire, bare  Nominal voltage AC max.  600 V  Current load capacity (standard)  t 5 %  Lead-free, CFC-free, halogen-free  4  CPC-free  4  Amount wires  4  Amount wires  1,93 mm  1,94 mm  2 to %  4  CPC-free  Amount strands (wire)  19  Diameter of single wires  18 AWG  Conductor crosssection (wire)  18 AWG  Material conductor wire  Outer blad capacity (standard)  To DIN VDE 0298-4	<u>*</u>	
Outer-diameter (jacket) 7,21 mm  Tolerance outer diameter (sheath) ±5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm  Outer diameter tolerance core insulation ±5 %  Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4		
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires   Outer diameter insulation 1,93 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4		
Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,93 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4		
Amount wires  Outer diameter insulation  1,93 mm  Outer diameter tolerance core insulation  1,93 mm  Outer diameter tolerance core insulation  1,93 mm  Ingredient freeness wire insulation  1 lead-free, CFC-free  Amount strands (wire)  19  Diameter of single wires  18 AWG  Conductor crosssection (wire)  18 AWG  Material conductor wire  Stranded copper wire, bare  Nominal voltage AC max.  600 V  Current load capacity (standard)  to DIN VDE 0298-4	Material wire insulation	
Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Amount wires	
Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 19  Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Outer diameter insulation	1,93 mm
Amount strands (wire)  Diameter of single wires  18 AWG  Conductor crosssection (wire)  18 AWG  Material conductor wire  Stranded copper wire, bare  Nominal voltage AC max.  600 V  Current load capacity (standard)  to DIN VDE 0298-4	Outer diameter tolerance core insulation	±5%
Diameter of single wires 18 AWG  Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Ingredient freeness wire insulation	lead-free, CFC-free
Conductor crosssection (wire) 18 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Amount strands (wire)	19
Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Diameter of single wires	18 AWG
Nominal voltage AC max. 600 V  Current load capacity (standard) to DIN VDE 0298-4	Conductor crosssection (wire)	18 AWG
Current load capacity (standard) to DIN VDE 0298-4	Material conductor wire	Stranded copper wire, bare
	Nominal voltage AC max.	600 V
Current load capacity min. wire 9,6 A	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	9,6 A

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: 2024-05-14



Electrical resistance line constant wire	22,5 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	4 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	4 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m