

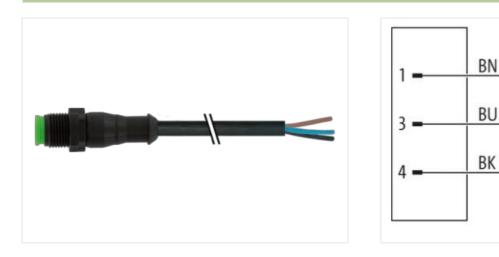
## M12 male 0° A-cod. with cable Lite

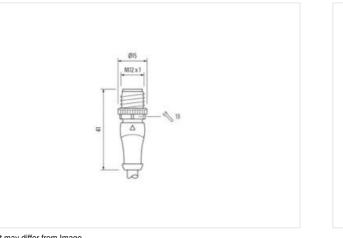
PVC 3x0.34 bk UL/CSA 10m

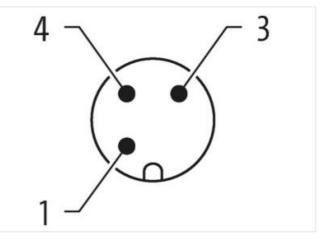
Male straight M12, 3-pole 7005 - plastic hexagonal screw (M12 Lite) with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



 Cable length
 10 m

 Side 1
 Tightening torque

 0,6 Nm

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: 2024-05-05

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879110549
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V 30 V
Operating voltage AC (UL-listed)	
Operating voltage DC (UL-listed) Current operating per contact max.	30 V 4 A
	47
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
Material housing	PUR
Locking material	PA
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
Important installation notes	
rmation in this Product-PDF has been compiled with the	

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Contourning         Contourning           Product standard         DN EN 61076-2-101 (M12)           Installation (Cable	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         613           Cable identification         613           Cable identification         block           Dippe of Cartificate         cUPus           Anount stranding         1           Stranding         3 wires twisted           Wire arrangement         brow, block, blue           Cable weigh         34.1 g/m           Material jacket         PVC           Strone fauriness jacket         85.1 S Shore A           Freedom from ingredients (caket)         lead-rese, cadmium-free, CPC-free, silicone-free           Outer diameter (sketh)         1.5 %           Material wire insulation         9.5           Outer diameter (sketh)         5.5 %           Cable meter insulation         5.5 %           Outer diameter insulation         5.5 %           Duter diameter insulation         5.5 %           Strone bardness wire insulation         5.5 %           Duter diameter insulation         5.5 %           Strone bardness wire insulation         5.5 %           Duter diameter insulation         5.5 %           Duter diameter insulation         5.5 %           Diameter	Note on bending radius	
Installation   Cable           Cable instribution         613           Cable Type         1           Cable Type         1           Cable Type         black           Type of Carificate         URus           Annount stranding         1           Stranding         Stranding           Stranding         Strandid           Stranding         Strandid           Strandid         Strandid           Strandid         Strandid           Strandid         Strandid           Strandid         Strandid           Strandid         Strandi           Strandid	Conformity	
Cable identification613Cable Type1Jocket ColorJackType of CertificatecURusAmout stranding1Amout stranding3 wires twistedwire arrangementprown, black, blueCable wight34,1 g/mMaterial jackatPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4.6 mmTolerance outer diameter (jacket)4.6 mmTolerance outer diameter (jacket)4.6 mmOuter diameter (jacket)5.5 %Outer diameter insulationPVCAmount stranding9.0 %Amount stranding9.0 %Amount stranding1.2 5 minOuter diameter insulation1.2 5 minOuter diameter insulation1.5 %Shore hardness wire insulation1.5 %Shore hardness wire insulation1.6 mmCardia (jacket)19Diameter of single wires0.15 mmConductor types wire insulation1.6 mmMaterial properties wire insulation1.6 mmMaterial properties wire insulation1.6 mmConductor types wire, bare0.15 mmConductor types wire, bare0.15 mmConductor types wire, bare0.15 mmConductor types wire, bare0.15 mmConductor types (wire)3.7 mmConductor types (wire)3.7 mmConductor types (wire)2.8 for QConductor types (wire)2.1 for QConductor types (wire)2.1 for QConductor	Product standard	DIN EN 61076-2-101 (M12)
Cable Type         1           Jacka Color         black           Jacka Color         black           Standing         URus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigh         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         least-free, cadmium-free, CFC-free, silicone-free           Outer -diameter (jacket)         4.6 mm           Tolerance outer diameter (shelt)         5 %           Material vira insulation         PVC           Amount viras         3           Outer -diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         45 ± 5 Shore D           Material proprinter wire insulation         19           Diameter of single wires         0.15 mm           Conductor rowssection (wire)         0.34 mm <sup>2</sup> Material concert method works and capper wire, bare         0.50 mm           Conductor rowssection (wire)         0.15 mm           Conductor rowssection (wire)         0.34 mm <sup>2</sup>	Installation   Cable	
Cable Type         1           Jacka Color         black           Jacka Color         black           Standing         URus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigh         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         least-free, cadmium-free, CFC-free, silicone-free           Outer -diameter (jacket)         4.6 mm           Tolerance outer diameter (shelt)         5 %           Material vira insulation         PVC           Amount viras         3           Outer -diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         45 ± 5 Shore D           Material proprinter wire insulation         19           Diameter of single wires         0.15 mm           Conductor rowssection (wire)         0.34 mm <sup>2</sup> Material concert method works and capper wire, bare         0.50 mm           Conductor rowssection (wire)         0.15 mm           Conductor rowssection (wire)         0.34 mm <sup>2</sup>	Cable identification	613
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Type of Certificatio         cURus           Amount stranding         1           Stranding         3 wires twisted           Wire arrangement         brown, black, blue           Cable weight         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-tree, cadmium-free, CFC-free, silicone-free           Outer diameter (jacket)         4 m m           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PVC           Amount wices         3           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 5 Shore D           Material properties wire insulation         4 5 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strand (wire)         19           Diameter of single wires         0,15 mm           Conductor rissescelin (wire)         0,44 mm <sup>2</sup> Conductor rissescelin (wire)         Strand class 5           Nominal voltage (AC max.         300 V           Current load capacity (standard)         D		
Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weigth       34,1 g/m         Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer diameter (jacket)       4.6 mm         Tolerance outer diameter (jacket)       4.6 mm         Tolerance outer diameter (jacket)       4.5 mm         Outer diameter insulation       PVC         Amount wires       3         Outer diameter insulation       PVC         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter insulation       1,25 mm         Outer diameter insulation       45 ± 5 Shore D         Material properties wire insulation       19         Diameter of single wires       0,15 mm         Conductor rorsses wire insulation       0,34 mm <sup>3</sup> Material conductor wire       Stranded copper wire, bare         Conductor rosses otton (wire)       0,34 mm <sup>3</sup> Material acoductor wire       Stranded copper wire, bare         Conductor vires ottor sinsulation       6 A      <		
Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weight       34,1 g m         Material jacket       PVC         Shore hardness jacket       85,5 Shore A         Freedom from ingredients (jacket)       lead-free, cantium-free, CFC-free, silicone-free         Outer-diameter (jacket)       4,6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Outer diameter (sheath)       ± 5 %         Shore hardness wire insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Material wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       good machinability         Cond		
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Cable weight         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strand Ke (wire)         19           Diameter of single wires         0,15 mm           Conductor rowsection (wire)         0,34 mm²           Material conductor wire         Strand class 5           Conductor type (wire)         Strand class 5           Nominal voltage AC max.         300 V           Current toad capacity (standard)         to DIN VDE 0280-4           Current toad capacity (standurd)         to DIN VDE 0280-4		
Material jacket         PVC           Shore hardness jacket         85 5 5 Shore A           Shore hardness jacket         85 5 5 Shore A           Freedom from ingredients (jacket)         Iead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (gacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 % Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor wire         Strand class 5           Nominal voltage AC max.         300 V           Current load capacity (stindard)         to DIN VDE 0298-4           Current load capacity (stindard)         to DIN VDE 0298-4           Current load capacity (wire)         2kV @ 60 s           Min. operating temperature (statc)         -30 °C           Mix. operating temperature (statc)		
Shore hardness jacket         B5 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         god machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Di		
Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer-diameter (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Outer diameter risulation       1.25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       good machinability         Ingredient freeness wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-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 vipe (wire)       Strand copper wire, bare         Conductor type (wire)       Strand copper wire, bare         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacit		
Outer-diameter (acket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         go of machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, sillcone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Conductor rossesection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor rossesection (wire)         0,34 mm²           Conductor type (wire)         Strand class 5           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire)         2 kV @ 60 s           AC wirtstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - sinc)         30 °C           Operating temperatur		
Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1.25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       19         Diameter of single wires       0,15 mm         Conductor crossection (wire)       0.34 mm²         Material conductor wire       Strande copper wire, bare         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4		
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Outer diameter insulation       1.25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       god machinability         Ingredient freeness wire insulation       god machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       19         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.34 mm²         Material conductor wire       Strande copper wire, bare         Conductor type (wire)       Strand class 5         Nominal voltage (wire)       0.10 NVDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (wire)       2 kV @ 60 s         Power frequency withstand voltage (wire -       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (static)       -30 °C         Operating temperature (maxil)       80 °C<		
Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-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)         Strand class 5           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity winkstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C		
Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Conductor crossection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strande copper wire, bare           Conductor type (wire)         Strand class 5           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Cavitystand voltage (wire - wire)         2 KV @ 60 s           Power frequency withstand voltage (wire - if 0, 0 s         2 kV @ 60 s           Max. operating temperature (static)         -30 °C           Max. operating temperature (static)         -30 °C           Max. operating temperature (static)         5 °C           Operating temperature		·
Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Conductor rosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity win. wire         6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - iacket)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           UV resistance         IEC 60332-22 ·L U 1581 § 1100 FT2   UL 1581 § 1090           chemical resisi		
Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Conductor rosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - isolage)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Operating temperature (static)         -30 °C           Operating temperature		
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         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       -30 °C         Max. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         UV resistance       DIN EN ISO 4892-2 A         Flame resistance       EG 6032-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, app		
Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (ixed)80 °COperating temperature (ixed)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingOur resistanceGood, application-related testingOur resistanceGood, application-related testingOur resistan		
Conductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMax. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing <td>. ,</td> <td></td>	. ,	
Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (static)       -30 °C         Operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       50 °C         UV resistance       DIN EN ISO 4892-2 A         Flame resistance       IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing         <		
Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)6 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sNin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing		·
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Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 4892-2 A         Flame resistance       IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Stance       Souther diameter	Power frequency withstand voltage (wire - jacket)	
Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 4892-2 A         Flame resistance       IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Stance       Souther diameter		-30 °C
Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 4892-2 A         Flame resistance       IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Sance       Good, application-related testing         Oil resistance       Good, application-related testing         Sance       Good, application-related testing         Oil resistance       Good, application-related testing         S × Outer diameter       S × Outer diameter	Max. operating temperature (fixed)	
Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 4892-2 A         Flame resistance       IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Sending radius (fixed)       5 x Outer diameter	Operating temperature min. (dynamic)	
UV resistance     DIN EN ISO 4892-2 A       Flame resistance     IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     Good, application-related testing       Oil resistance     Good, application-related testing       Sending radius (fixed)     5 x Outer diameter	Operating temperature max. (dynamic)	
Flame resistance       IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         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)       5 x Outer diameter	UV resistance	DIN EN ISO 4892-2 A
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)       5 x Outer diameter	Flame resistance	
Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing   DIN EN 60811-404         Bending radius (fixed)       5 x Outer diameter	chemical resistance	
Oil resistance     Good, application-related testing   DIN EN 60811-404       Bending radius (fixed)     5 x Outer diameter	Gasoline resistance	
Bending radius (fixed) 5 x Outer diameter	Oil resistance	
	Bending radius (fixed)	
	Bending radius (dynamic)	10 x Outer diameter

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: 2024-05-05

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