

## M12 male 0° / M12 female 90° A-cod. LED

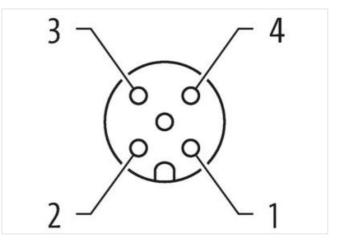
PVC 4x0.34 ye UL/CSA 10m

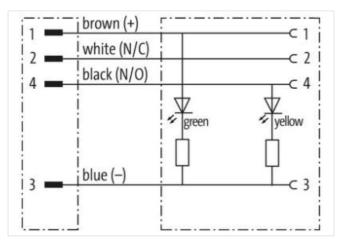
Male straight – female 90° M12 – M12, 4-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

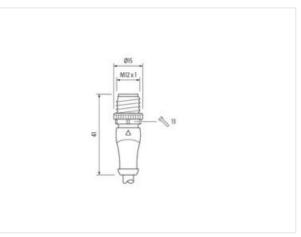
## Link to Product

Illustration



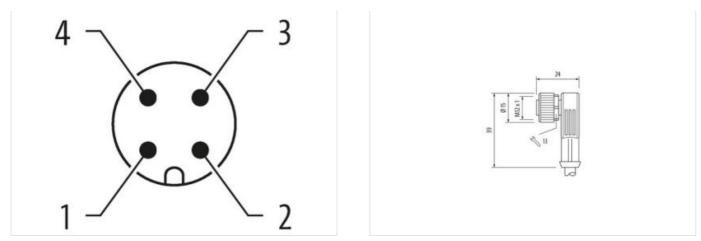






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





Product may differ from Image



Cable length	10 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	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	4048879459549
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V

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Current operating per cented max.         4 A           Installation (Connection         Installation (Connection (Conn	Operating voltage DC max.	30 V
Installation   Connection         Version           Mounting set         Max 1           Device protection Electrical         Inserned, screwed           Additional condition protection digree         inserned, screwed           Relational condition protection digree         3           Relational screwed         0.8 kV           Recharical datal Material screwed         Condition           Multing method         Znc de- cacking           Recharical datal Mounting method         Znc de- cacking or method screwed, Shaking protection           Recharical datal Mounting method         Znc de- cacking           Operating temperature method         26 s° C           Desting transmitter method         26 s° C           Additional condition temperature range         depending on cable quality           Internet:         Charden Statisticon note           Cade additional condition temperature range         depending on cable quality creases from mechanical colas. s.g. by the usage of cable free.           Restations Charden screwed, shaking protection dises are the Protection class are the Protection class are the demoding colas. s.g. by the usage of cable free.           Restatonscremethod		
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Device protection   Electrical         Inserted, screwed           Additional condition protection degree         3           Rated surge voltage         0,8 kV           Mechanical data [ Material data]         Construction           Cataling of filming         nickle plated           Material screw connection         Zinc die cataling           Muchanical data [ Mouring ration         Inserted, screwed, Shaking protection           Environmental characteristics   Climati         Operating temperature ration           Operating temperature ration         25 %           Operating temperature ration         25 %           Operating temperature ration         depending on cable quality           Important Installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable file.           Note on bending radius         Additional Conding to the promiscible bonding tords.           Installation I cable         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable file.           Object of the promiscible bonding tradit when laying cables, as the IP protection class can be one challe gradit.         Cable challe challes.           Object of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable file.         Note the connectors by suitable measures from mechanical loads, e.g. by the usage of cable file.           Cable cha		
Additional condition protocolion protocoli		M12 x 1
Pollution Degree         3           Rated surge voltage         0.8 NV           Mechanical distal [Material data]         Mechanical distal [Material data]           Material acrow connection         Zin die-casting           Mechanical distal [Mounting data]         Mechanical distal [Mounting data]           Mechanical distal [Mounting data]         Mechanical distal [Mounting data]           Mechanical distal [Mounting data]         Mechanical distal [Mounting data]           Persitong temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dise.           Materion: Coscrow the permissible bording radii when laying cables, as lite IP protection class can be onthargered by oxedsative bording froms.           Instalization (Cable         Uniter borown, black, blue, white           Cable identification         014           Cable identification         14	Device protection   Electrical	
Rated surge voltage         0,8 kV           Coaling of fining         inckel plated           Coaling of fining         inckel plated           Metherial scare vormedion         Zin die-casting           Metherial scare vormedion         isseted, screwed, Shaking protection           Environmental characteristics   Climate         Isseted, screwed, Shaking protection           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Metheric Coance to by suitable measures from mechanical loads, e.g. by the usage of cable loss.           Note on bending radius         Attention: Coancer the permissible bending radii when laying cables, as the IP protection class can be ondangered by excessive banding forces.           Installation ( Cable         Verter Start noiled         Potect the connectore by suitable measures from mechanical loads, e.g. by the usage of cable loss.           Nate on bending radius         Attention: Coancer the permissible bending radii when laying cables, as the IP protection class can be ondangered by excessive banding forces.           Installation ( Cable         Verter Start noile         Note, the coancel cable weigh           Attention:         Diverter Start noile         Note, the coancel cable weigh           Attention:         Diverter Start	Additional condition protection degree	inserted, screwed
Mechanical data         Incide plated           Cading of thing         nickle plated           Material screw connection         Zine die casting           Mechanical data [Mounting data         Inserted, screwed, Shaking protection           Environmental characteristic [Climation         Concentration protection           Operating temperature min.         25 ° C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fles.           Nater on bending radius         Alterion: Obscrew the portinacable bending radii when laying cables, as the IP protection class can be endangerade by soccessore bending force.           Cable identification         014	Pollution Degree	3
Caling of itiling         nickl plated           Material screw connection         Zinc disc-asting           Machinal screw connection         inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Concornection           Operating temperature man.         -25 °C           Operating temperature man.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Environmental characteristics and the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.           Note on barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.           Installation Glabi         Universe           We arrangement         brown, black, blue, white           Cable Irype         1           Jacket Color         yellow           Type of Certificate         cURus           Material jacket         9.7 grm           Material jacket         9.7 grm           Material jacket         9.7 grm           Material jacket         9.4 stres           Outer diameter (sheath)         1.5 %           Material wire insulation         1.5 %           Outer diameter (sheath)	Rated surge voltage	0,8 kV
Material screw connection         Zinc die-casting           Mechanical data   Mounting mathod         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Climatic           Operating 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 tees.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tees.           Installation of Cable         Installation Cable           wire arrangement         brown, black, blue, while           Cable identification         014           Ca	Mechanical data   Material data	
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 may.         85 °C           Additional condition temperature may.         depending on cable quality         Important Installation notes           Important Installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lotes.           Note on strain roliof         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lotes.           Installation (Cable         Attention: Observe the permissible bonding radii when laying cables, as the IP protection class can be ending tradis.           Cable of chriftication         D14           Cable Type         1           Cable Type         1           Cable Type         Quiftication           Operating temperature may.         4 wires bisted           Weiler arrangement         brown, black, blue, white           Cable Type         Quifticate           Quifticate         QUIFticate           Quifticate         QUIFticate           Quifticate         St + 5 Shore A           Freedom from Ingredents (gacket)	Coating of fitting	nickel plated
Mounting method         inserted. screwed. Shaking protoction           Environmenial characteristics [ Climatic         25 °C           Operating temperature man.         25 °C           Operating temperature man.         65 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Vectors by suitable measures from mechanical loads. e.g. by the usage of cable les.           Note on banding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.           Isolation [ Cable         brown, black, blue, white           Cable identification         014           Cable Orgho         1           Cable Colf         yellow           Type of Certificate         cURus           Amount strangement         Drown, black, blue, white           Cable oright         40,7 g/m           Material jacket         Op Cortificate           Cable oright         40,7 g/m           Material jacket         PVC           Stare difference         55 % Shore A           Freedom from inguidants         5 %           Material jacket         PVC           Addresi jacket         5 %           Outer diameter (jacket)	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may         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: Cbserve the permissible bending radiu whon laying cables, as the IP protection class can be ordinagered by accessible bending forces.           Installation I Cable         View arrangement           Varie arrangement         brown, black, blue, while           Cable Identification         014           Cable Identification         14           Dacket Idoar         yellow	Mechanical data   Mounting data	
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may         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: Cbserve the permissible bending radiu whon laying cables, as the IP protection class can be ordinagered by accessible bending forces.           Installation I Cable         View arrangement           Varie arrangement         brown, black, blue, while           Cable Identification         014           Cable Identification         14           Dacket Idoar         yellow		inserted screwed Shaking protection
Operating temperature max.         25 °C           Operating temperature max.         85 °C           Additional condition temperature max         64 °C           Important installation notes         Important installation notes           Installation installation notes         Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be emperature max.           Installation (Cable         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation (Cable         Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be emperature max.           Cable of them infinition         014           Cable Gool         yellow           Type of Cartification         014           Cable Gool         yellow           Type of Cartificatie         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brow, black, blue, white           Cable weigh         40.7 g/m           Material jacket         PVC           Stranding         5 % %           Additional infine, cadmium-free, CFC-free, silicone-free           Outer dimeter insulation         1.25 mm           Outer dimeter insulation         5 %	-	
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.           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Installation   Cable         Unit of the endangered by excessive bending forces.           Stranding         4 wires by strand           Order dimeter (sheath)	•	
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.           Installation Cable         Installation Cable           wire arrangement         brown, black, blue, while           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Anount strainding         1           Strainding         4 wires twisted           wire arrangement         brown, black, blue, while           Cable Type         1           Strainding         4 wires twisted           wire arrangement         brown, black, blue, while           Cable weight         40.7 g/m           Material jacket         PVC           Stranding         5 S Shore A           Freedom from ingredients (jacket)         5 mm           Tolerance outer diameter (subcath)         ± 5 %           Material wire insulation         PVC           Shore harchess jacket         4           Outer diameter (subeath)         ± 5 % <td< td=""><td></td><td></td></td<>		
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 endingered by excessive bending forces.           Installation   Cable <ul> <li>wire arrangement</li> <li>brown, black, blue, white</li> <li>Cable Type</li> <li>1</li> <li>Jacket Color</li> <li>yellow</li> <li>Type of Certificate</li> <li>ClRus</li> <li>Amount stranding</li> <li>1</li> </ul> <li>Stranding</li> <li>4 wires twisted</li> <li>wire arrangement</li> <li>brown, black, blue, white</li> <li>Cable regin</li> <li>1</li> <li>Stranding</li> <li>4 wires twisted</li> <li>wire arrangement</li> <li>brown, black, blue, white</li> <li>Cable weigh</li> <li>40,7 g/m</li> <li>Material jacket</li> <li>PVC</li> <li>Shore hardness jacket</li> <li>85 5 5 Shore A</li> <li>Freedom from ingredients (jacket)</li> <li>lead-free, cadmium-free, CFC-free, silicone-free</li> <li>Cuber-diameter (sleakt)</li> <li>5 %</li> <li>Material arck at the insulation</li> <li>PVC</li> <li>Amount wires</li> <li>4</li> <li>Couter diameter insulation</li> <ul> <li>LS mm</li> <li>Couter diameter insulation</li> <li>LS mm</li> <li>Couter diameter insulation</li> <li>S % Shore D</li> <li>Shore Indreses wire insulation</li> <li>S % Shore D<!--</td--><td></td><td></td></li></ul>		
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.           Installation I Cable         brown, black, blue, white           Cable identification         014           Cable identification         014           Cable Identification         yellow           Type of Certificate         cuBus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Stranding         5 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (seath)         ± 5 %           Material wei insulation         PVC           Amount Wires         4           Outer diameter rolenance core insulation         ± 5 %           Shore hardness wire insulation         1,25 mm           Outer diameter (seath)         ± 5 %           Shore bardness wire insulation         5 ½ 5 Shore D           Ma	Additional condition temperature range	depending on cable quality
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Cable weight40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DOuter diameter tolerance core insulation± 5 %Shore hardness wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulation19Diameter 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 0298-4	Stranding	4 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor rossection (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 0298-4	wire arrangement	brown, black, blue, white
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation4 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Stranded copper wire, bare<	Cable weigth	40,7 g/m
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Shore hardness wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulation19Diameter of single wires0,15 mmConductor orossection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strandel copper wire, bareNomina		-
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor vireStranded copper wire, bareConductor vireStranded copper wire, bareConductor type (wire)Stranded copper wire, bareConductor type (wire)Stranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4		85 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4	Freedom from ingredients (jacket)	
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4	Outer-diameter (jacket)	5 mm
Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4	<b>0</b>	±5%
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4		
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4		
Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4	Outer diameter insulation	1,25 mm
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter 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 0298-4	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire)19Diameter 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 0298-4	Material properties wire insulation	good machinability
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	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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	Amount strands (wire)	19
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	Diameter of single wires	0,15 mm
Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Conductor crosssection (wire)	0,34 mm²
Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4	Conductor type (wire)	Strand class 5
	Nominal voltage AC max.	300 V
Current load capacity min. wire 4,8 A	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	4,8 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: 2024-05-19



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 (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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
Bending radius (dynamic)	10 x Outer diameter

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