

## M12 female 0° Y-cod. with cable shielded

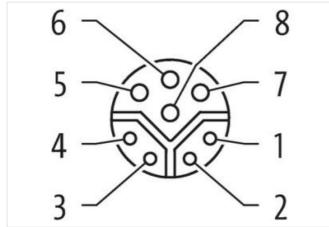
PUR AWG20/26 shielded bk UL/CSA+drag ch. 10m

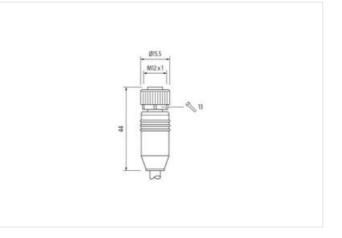
Ethernet CAT5 Female straight M12, 8-pole Y-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



OG WH OG	_
GN WH	
GN	
BU	
WH	
BN	
ВК	
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Product may differ from Image



Cable length

10 m

## Side 1

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: 2024-05-17



Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	Y
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879837811
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	50 V
Operating voltage DC max. (UL-listed)	30 V
Operating current per data contact max.	0,5 A
Operating current per power contact max.	6 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet func	tionality
duplex	Full duplex
Installation   Connection	
i de la companya de l	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C

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Additional condition temperature arrays     Important installation noise     Important installation noise     Installation noise     Nole on handing radus     Around temperature arrays and temperature from machanical foads, e.g. by the usage of cable los.     Nole on handing radus     Teleform Conserve the permissible bending radi when aying cables, as the IP protection class can be     endorgenery by excessive bending radi when aying cables, as the IP protection class can be     endorgenery by excessive bending radi when aying cables, as the IP protection class can be     endorgenery by excessive bending radi when aying cables, as the IP protection class can be     endorgenery by excessive bending radi when aying cables, as the IP protection class can be     endorgenery by excessive bending radi when aying cables, as the IP protection class can be     denders for a protection class can be     endorgenery by excessive bending radi when aying cables, as the IP protection class can be     and the protection	Operating temperature max.	85 °C
Note on strain reliaf     Protoch the connectors by suitable measures from mechanical loads, e.g. by the usage of cable loads endemgendly by excessive bendly forest.       Conternity     Iteration: Coserve the parmisabile bending radii when laying cables, as the IP protocol and as cable endemgendly by excessive bending forest.       Poduct standing     DEN 161076-2-101 (M12)       Cable identification     Sole       Statistion I Cable     Event Statistion I Cable       Cable identification     Sole       Statistion I Cable     Even Statistion I Cable       Statistion I Cable     Sole       Statistion I Cable     Sole       Statistion I Cable     Sole       Standing (type)     Sole       Standing (type)     Oppore train, fromed       Statistion (type)     Sole       Statistic (type)	Additional condition temperature range	depending on cable quality
Alter Iden: Cheeve the generability bonding radii when laying cables, at the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the generability bonding radii when laying cables, at the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive bending forces.       Contornity     Inter Identifies the IP protection class can be endingered by excessive the IP protection class can be endingered by excessive bending forces.       Standing (type 2)     Inter Identifies the IP protection class can be endingered by excessive bending contornity of the IP protection class can be endingered by excessive the ID endingered by excessive bending contornity of the IP protection class can be endingered by excessive the ID endifies (typered endingered by excessive the ID endingered by exce	Important installation notes	
dendingeneric dense in a constraint of the second of	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)       Installication (Cable     U       Cable identification     805       Cable identification     Bick       Type of Carlitone     U/Rus       Anount stranding (Npe 2)     1       Stranding (Npe 2)     4 wires around Stranding combination with Filler twisted       Cable shelding (Npe 2)     0 super braid, linned       Banding     Fleace, Foil       Filler     195       Cable weight     107.8 g/m       Matarial jacket     9.4 Sinne A       Cable weight     10.7 S/m       Matarial jacket     9.4 Sinne A       Cabler weight (sheldin)     18.4 Sinne A       Cabler weight (sheldin)     19.5 Sinne A       Cabler weight (sheldin)     19.5 Sinne A       Cabler weight (sheldin)     19.5 Sinne A       Cabler disander insulation (Data)     5 %       Cabler disander i	Note on bending radius	
Installation (Cable     Cable identification     B05       Jacket Color     black     Descendence     Descendcendence     Descendcence	Conformity	
Cable identification805Jacker ColorblackType of CertificatoIIIStranding1Stranding (type 2)1Stranding (type 2)1Stranding (type 2)0Obje black (type)0Cable shielding (	Product standard	DIN EN 61076-2-101 (M12)
Cable identification805Jacker ColorblackType of CertificatoIIIStranding1Stranding (type 2)1Stranding (type 2)1Stranding (type 2)0Obje black (type)0Cable shielding (		
Jacket ColorblackType of CarificatieCJRusAnnoutt stranding1Stranding4 wires around 1 Filler twistedAnnout stranding (type 2)4 wires around Stranding combination with Filler twistedCable sinkling (type)copper braid, InnedCable sinkling (type)copper braid, InnedCable sinkling (type)copper braid, InnedCable sinkling (type)copper braid, InnedBandingFlacco, FoliFilleryeswire arrangementblack, brown, white, blue, (orange-white, green, orange, green-white)Cable winkling (soverage)90 ± 5 Shore AFreedom from ingredients (jacket)90 ± 5 Shore AFreedom from ingredients (jacket)81 mmCaler diameter (sheath)15 %Material aloktPPAnount wires4Outer diameter (sheath)15 %Material wire insulation15 smrOuter diameter (sheath)15 %Shore hardness wire insulation5 ± 5 Shore DIngredient freeness wire insulation5 %Outer diameter (sheath)10Diameter of single wires20 AWGConduct crossocolor wire)20 AWGConduct crossocolor wire (stata)19Diameter of single wires (shallon (Dala)19Diameter of single wires (shallon (Dala)19Diameter of single wires (shallon (Dala)19Diameter of single wires (Stata)55 ts Shore DDiameter of single wires (Stata)55 ts Shore DDiameter of single wires (Stata)	·	005
Type of Cartificate     cUFus       Amount stranding     I       Stranding     4 wires around 1 Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     4 wires around Stranding combination with Filler twisted       Cable shielding (type)     copper braid, timed       Cable shielding (type)     copper braid, timed       Banding     Fileer, Foil       File     yes       wire arrangement     black, brown, while, blue, (orange-while, green, orange, green-while)       Cable weigh     107.8 grm       Material jacket     PUR       Store hardness jacket     90.5 Store A       Freedom from ingredients (jacket)     8.1 mm       Tolerance outer diameter (sheath)     5 5%       Amount stranding     FP       Amount wires     4       Outer diameter installorn     PP       Amount wires     4       Outer diameter installorn     5 5%       Store hardness wire installorn     5 5%       Store hardness wire installorn     5 5%       Outer diameter installorn     9.4       Outer diameter installorn (Data)		
Amount stranding     1       Stranding     4 wires around 1 Filier twisted       Stranding (type 2)     1       Stranding (type 2)     4 wires around Stranding combination with Filier twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Banding     Fileece, Foll       Filer     yes       Wire arrangement     black, torow, white, blue, (orange-white, green, orange, green-white)       Cable weigh     107.8 g/m       Material jacket     PUR       Shore hardness jackot     90.5 Shore A       Freedom, form ingredints (jackot)     8.1 mm       Cabler weight     5.5 %       Tolerance outer diameter (leabath)     5.5 %       Cuber diameter insulation     1.5 mm       Outer diameter insulation     5.6 ± S Shore D       Ingredient freenes wire insulation     5.6 ± S Shore D       Ingredient freenes wire insulation     1.9 mm       Conduct crossection (wire)     20 AWG       Conduct crossection (wire)     20 AWG       Conduct crossection (wire)     20 AWG       Conduct diameter weinsulation (Data)		
Stranding     4 wires around 1 Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     4 wires around Stranding combination with Filler twisted       Cable shielding (coverage)     85 %       Pair shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Banding     Filece, Foll       Filler     yes       wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weight     107.8 g/m       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (scaladi)     8,1 mm       Colarence outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter fuelt free, cabliuum-free, CFC-free, halogen-free, silicone-free       Nature insulation     1.5 rm       Outer diameter insulation     5 ± 5 %       Shore hardness wire insulation     5 ± 5 %       Shore hardness wire insulation (bath     1.5 rm       Outer diameter wire insulation (bath		
Amount stranding (type 2)     1       Stranding (type 2)     4 wires around stranding combination with Filler twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Banding     Files, Foil       Filler     yes       Wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigh     107.8 g/m       Material jacket     PUR       Shore hardness jacket     90.± 5 Shore A       Freedom from ingredients (jacket)     8,1 mm       Telerance outer diameter (jacket)     8,1 mm       Telerance outer diameter (jacket)     4       Outer diameter (jacket)     4       Outer diameter (jacket)     5 %       Shore hardness wire insulation     1,5 mm       Outer diameter (jacket)     5 % Shore hardness       Darder diameter (jacket)     19       Diameter diameter (wire)     19       Diameter diameter (wire)     19       Diameter diameter (jacket)     19       Diameter diameter (jacket)     19       Diameter diameteri (jacket)     19		·
Stranding (type 2)     4 wires around Stranding combination with Filter twisted       Cable shelding (type)     copper braid, finned       Cable shelding (coverage)     85 %       Pair shelding (type)     copper braid, finned       Banding     Fleece, Foll       Filter     yes       wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigh     107.8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (isolation)     PP       Amount wires     4       Outer diameter (isolation)     1.5 mm       Outer diameter insulation     1.5 mm       Outer diameter insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     1.5 mm       Outer diameter insulation     1.5 mm       Outer diameter insulation     1.5 fram       Conduct corassection (wire)     19       Diameter of single wires     20 AWG       Conductor corassection (wire) insulation (Data)     1.1 mm		
Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Pair shielding (type)     copper braid, tinned       Banding     Fleece, Foll       Filler     yes       wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigth     107,8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     8.1 mm       Tolaranee outer diameter (jacket)     ± 5 %       Shore hardness wire insulation     1,5 mm       Outer diameter insulation     55 ± 5 Shore D       Shore hardness wire insulation     16 ± 5 %       Shore hardness wire insulation     19       Diameter of singer wires     20 AWG       Candur diameter inervice wire wire insulation (data)     ± 5 %       Shore hardness wire insulation (data)     5 ± 5 Shore D       Diameter of singer wires     20 AWG       Canductor wire     Stranded copper wire, bare       Anount wires wire insulation (data)     ±		-
Cable shielding (coverage)     85 %       Pair shielding (type)     copper braid, tinned       Banding     Fleece, Foil       Filler     yes       wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigth     107.8 g/m       Material jackt     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     8.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Anount wires     4       Outer diameter insulation     15 mm       Outer diameter insulation     15 5 %       Shore hardness wire insulation     5 %       Shore hardness wire insulation     15 5 %       Outer diameter for lensulation     16 %       Outer diameter insulation     19       Diameter of single wires     20 AWG       Conductor wire     Stranded copper wire, barde       Material urie insulation (Data)     1,1 mm       Tolearoce outer diameter win sinsulation (Data)		
Pair shielding (type)     copper braid, linned       Banding     Fleece, Foil       Filer     yes       wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weight     107.8 g/m       Material jacket     PUR       Shore hardness jacket     90.5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     8,1 mm       Tolerance outer diameter (sheatth)     15 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     1,5 mm       Outer diameter insulation     1,5 %       Shore hardness wire insulation     15 %       Shore hardness wire insulation     14 5 %       Amount stands (wire)     19       Diameter of single wires     20 AWG       Canductor crossection (wire)     20 AWG       Material wire insulation (Data)     1,1 mm       Tolerance outer diameter wire insulation (data)     19       Outer diameter wire insulation (Data)     55 ± 5 Shore D       Ingredient freeness wire insulati		
Banding     Fileece, Foil       Filer     yes       wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigth     107.8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     8,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter lolarance core insulation     1.5 mm       Outer diameter lolarance core insulation     5 ± 5 Shore D       Ingredient freeneess wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount wires     4       Outer diameter lolarance core insulation     1.5 mm       Cuter diameter wire insulation     1.5 mm       Cuter diameter site insulation     1.5 mm       Cuter diameter wire insulation     1.5 mm       Cuter diameter wire insulation     1.5 mm       Cuter diameter site insulation     1.5 mm       Diameter of singlie wires     2		
File     yes       wire arangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigth     107.8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     8,1 mm       Tolerance outer diameter (jacket)     \$ 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter isulation     1,5 mm       Outer diameter isulation     \$ 5 ± 5 Shore D       Ingredient freeness wire insulation     15 ± 5 Shore D       Ingredient freeness wire insulation     19       Diameter of olerance core insulation     19       Diameter of olerance core     20 AWG       Conductor crosssection (wire)     20 AWG       Conductor wire insulation (Data)     1,1 mm       Tolerance outer diameter wire insulation (Data)     1,1 mm       Tolerance outer diameter wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (		
wire arrangement     black, brown, white, blue, (orange-white, green, orange, green-white)       Cable weigth     107.8 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     8.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     1.5 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     ± 5 %       Darber diameter volerance core insulation     ± 5 %       Outer diameter volerance core insulation     ± 5 %       Diameter of single wires     20 AWG       Conductor crosssection (wire)     20 AWG       Conductor wire     Stranded copper wire, bare       Material conductor wire insulation (Data)     PP       Outer diameter wire insulation (Data)     1.1 mm       Tolerance outer diameter wire insulation (Data)     5 5 %       Shore hardness wire insulation (Data)     5 1 5 %       Shore bardness wire	5	
Cable weigh107,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)8,1 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulationPPAmount wires4Outer diameter insulation1,5 mmOuter diameter insulation55 $\pm 5$ Shore DNor and free rinsulation55 $\pm 5$ Shore DIngredient freeness wire insulation55 $\pm 5$ Shore DNor and free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)19Diameter of single wires20 AWGConductor orssection (wire)20 AWGConductor orssection (wire)20 AWGConductor orssection (wire)20 AWGConductor wireStranded copper wire, bareMaterial wire insulation (Data)1,1 mmTolerance outer diameter wire insulation (Data)5 $\pm 5$ Shore DIngredient freeness wire insulation (Data)5 $\pm 5$ Shore DIngredient freeness wire insulation (Data)1,5 mmTolerance outer diameter wire insulation (Data)1,5 mmTolerance outer diameter wire insulation (Data)1,5 mmIngredient freeness wire insulation (Data)1,5 mm		
Material jacket     PUR       Shore hardness jacket     90.5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     8,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter tolerance core insulation     1.5 mm       Outer diameter tolerance core insulation     5 % 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     19       Diameter of single wires     20 AWG       Conductor crossection (wire)     20 AWG       Material onductor wire     Stranded copper wire, bare       Material onductor wire     Stranded copper wire, bare       Material onductor wire     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     PP       Outer diameter wire insulation (Data)     PP       Outer diameter wire insulation (Data)     1.1 mm       Tolerance outer diameter wire insulation (Data)     1.5 %       Shore hardness wire insulation (Data)     1.6 %		
Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     8,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter tolerance core insulation     1,5 mm       Outer diameter tolerance core insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     16 ad-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount wires     4       Outer diameter tolerance core insulation     16 ad-free, cadmium-free, CFC-free, halogen-free, silicone-free       Ingredient freeness wire insulation     18 ad-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     19       Diameter of single wires     20 AWG       Conductor crossection (wire)     20 AWG       Material onductor wire     Stranded copper wire, bare       Material onductor wire     1,1 mm       Tolerance outer diameter wire insulation (Data)     15 ± 5 Shore D       Ingredient freeness wire insulation (Data)     15 ± 5 Shore D       Ingredient freeness wire insulation (Data)		
Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Outer-diameter (jacket)     8,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     1,5 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     19       Diameter of single wires     20 AWG       Conductor crosssection (wire)     20 AWG       Outer diameter wire insulation (Data)     PP       Outer diameter wire insulation (Data)     PP       Outer diameter wire insulation (Data)     1,1 mm       Tolerance cuter diameter wire insulation (Data)     55 ± 5 Shore D       Ingredient freeness wire insulation (Data)     55 ± 5 Shore D       Ingredient freeness wire insulation (Data)     55 ± 5 Shore D       Ingredient freeness wire insulation (Data)     14       Amount strands wire (Data)     14       Amount strands wire (Data)     25 ± 5 Shore D	-	
Outer-diameter (jacket)     8,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     1,5 mm       Outer diameter insulation     ± 5 %       Shore hardness wire insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     19       Diameter of single wires     20 AWG       Conductor crosssection (wire)     20 AWG       Conductor vire     Stranded copper wire, bare       Material conductor wire     Stranded copper wire, bare       Material wire insulation (Data)     1,1 mm       Outer diameter wire insulation (Data)     1,1 mm       Outer diameter wire insulation (Data)     55 ± 5 Shore D       Ingredient freeness wire insulation (Data)     19       Diameter of single wires (Data)     26 AWG       Conductor crosssection wire (Data)     19       Diameter of single wires (Data)     26 AWG       Conductor crosssection wire (Data)     26 AWG		
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   4     Outer diameter insulation   1.5 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   55 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Amount strands (wire)   19     Diameter of single wires   20 AWG     Conductor wire   Stranded copper wire, bare     Material conductor wire   Stranded copper wire, bare     Material wire insulation (Data)   1,1 mm     Tolerance outer diameter wire insulation (Data)   1,1 mm     Tolerance outer diameter wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   19     Diameter of single wires (Data)   19     Diameter of single wires (Data)   26 AWG     Conductor crosssection wire (Data)   26 AWG     Conductor wire (Data)   26 AWG     Conductor wire (Data)   26 AWG  <		
Notestical darket (stream)     PP       Material wire insulation     1,5 mm       Outer diameter insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D       Ingredient freeness wire insulation     19       Diameter of single wires     20 AWG       Conductor recessection (wire)     20 AWG       Conductor vire     Stranded copper wire, bare       Material wire insulation (Data)     PP       Outer diameter wire insulation (Data)     1,1 mm       Tolerace outer diameter wire insulation (Data)     1,1 mm       Tolerace outer diameter wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     1,1 mm       Tolerace outer diameter wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     5 ± 5 Shore D       Ingredient freeness wire insulation (Data)     6 ± 5 %       Shore hardness wire insulation (Data)     6 ± 6 & MG       Conductor wires (Data) <td< td=""><td></td><td></td></td<>		
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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: 2024-05-17



Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	35 Ω/km
Electrical resistance coating wire (Data)	140 Ω/km
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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