

## M12 female 90° with cable

PUR 4x0.34 bk UL/CSA+drag chain 5m

Customized printing and packaging Female 90° M12, 4-pole with cable sleeves

Zinc die casting, save-cover coated

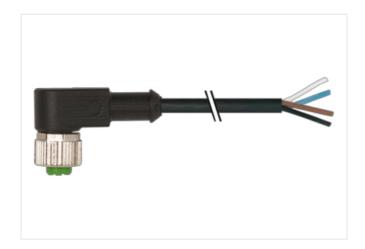
Plastic housings with good resistance against chemicals and oils.

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

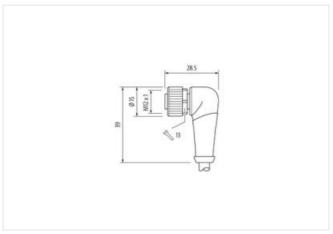
Further cable lengths on request.

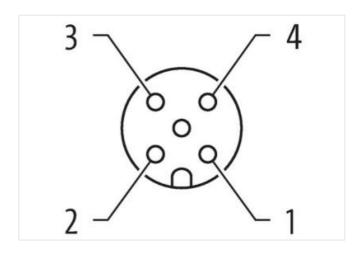
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

5 m

Side 1



stay connected

Micro   Micr	Mounting method	inserted, screwed
Material contact	Coating contact	gold plated
No. of poles 4  Commercial data  ECLASS 0.0 27279218  ECLASS 0.0 2700311  ECLASS 1.0 2700311  ECLASS 2.0 2700311  ECLASS 1.0 2700311  ECLASC	Family construction form	M12
Commercial data         CCLASS-6.0         27279218           ECLASS-7.7         27279218           ECLASS-8.0         27000311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-6.0         EC001855           Dealing until         10           ECLECISS-12.0         40847885785           Packaging until         10           Eclectrical data [Supply         February or Village AC max.           Operating voltage AC max.         250 V           Pollution Degree         3           Palladed surge voltage         2.5 kV           Marketerial group (EC 60664-1)         I           Environmental characteristics   Climatic         Comparing properature max.           Operating properature max.         85 °C           Additional condition temperature range         depending on cable quality           Important instillation notes         85 °C           Note on branding radiu         Attention: Observe the permissible bending radii when laying cables, as the iP protection class can be entragened to year-basilyed branding radii when laying cables, as the iP protection class can be entragened by reacesive branding forces.           Lacket Color:	Material contact	Copper alloy
ECLASS-6.0 2729218  ECLASS-7.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27093311  ECLASS-10.1 27069311  ECLASS-11.1 27069311  ECLASS-11.1 27069311  ECLASS-11.1 27069311  ECLASS-12.0 27069311  ELECTROS-12.0 27069311  ELECTROS-	No. of poles	4
ECLASS-7.0 27279218  ECLASS-8.0 27789218  ECLASS-9.0 27060311  ECLASS-9.1 27060311  ECLASS-10.1 27060311  ECLASS-11.1 2060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 1 2706031  ECLAS-12.0 1 2706031  ECLASS-12.0 1 2706031  ECLASS-12.	Commercial data	
ECLASS-7.0 27279218  ECLASS-8.0 27789218  ECLASS-9.0 27060311  ECLASS-9.1 27060311  ECLASS-10.1 27060311  ECLASS-11.1 2060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 1 2706031  ECLAS-12.0 1 2706031  ECLASS-12.0 1 2706031  ECLASS-12.	ECLASS-6.0	27279218
ECLASS 8.0 27279218  ECLASS 9.0 27969311  ECLASS 11.1 27969311  ETIM 5.0 ECONTESS  BUSINDS EXIT FUNDED  BUSION EXIT FUNDED  BUSINDS EXIT FUNDED  BUSINDS EXIT FUNDED  BUSIN	ECLASS-7.0	
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECONISS           EURIS SS-12.0         ECONISS           Design of Mark         85444290           GTIN         4048879835756           Packaging unt         10           Electrical data Supply         Poperating voltage DC max.           Operating voltage DC max.         250 V           Deperating voltage DC max.         250 V           Pollution Degree         3           Rated surge voltage         2,5 kV           Mellerial group (IEC 60684-1)         1           Environmental characteristics   Climatic         Climatic           Operating lemperature min.         -25 °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 ites.           Note on bending radius         Attention: Cosenve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Eabel identification   Cable         <		27279218
ECLASS-10.1 27960311 ECLASS-11.1 27960311 ETIM 5.0 ECASS-12.0 27060311 ETIM 5.0 ECO01855 Ecuations tariff number 85444290 ETIN 4048679859756 Edetrical data   Supply Operating voltage AC max. 250 V Operating to the state of th	ECLASS-9.0	
ECILAS-12.0 27060311  ETIM-5.0 ECO1985  ECO1985  GTIN 4048879835756  GTIN 40488879835756  GTIN 40488879835756  Electrical data   Supply  Operating voltage AC max. 250 V  Operating voltage DC max. 250 V  Device protection   Electrical  Pollusion Degree 3  Rated surge voltage 2 2,5 kV  Material group (EC 60664-1)	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs rainfinumber         85444290           GTIN         4048879835766           Packaging unit         10           Electrical data   Suppty           Operating voltage AC max.           Operating voltage DC max.         250 V           Device protection   Electrical           Follution Degree         3           Rated surge voltage         2,5 kV           Material group (EC 60664-1)         1           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable           Wide arrangement         brown, black, blue, white           Cable identification   Cable         Electrical color           Type of Certificate         cuPract           Cable identification   Standing         1           Stacket Color	ECLASS-11.1	27060311
September   Sept	ECLASS-12.0	27060311
September   Sept	ETIM-5.0	EC001855
Packaging unit 10  Electrical data   Supply  Operating voltage AC max. 250 V  Operating voltage DC max. 250 V  Device protection   Electrical  Pollution Degree 3  Alacid surge voltage 3, 5 k V  Material group (IEC 60664-1) 1  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 25 °C  Additional condition temperature max. 85 °C  Additional condition temperature max. 95 °C  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Altention : Coscarve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable   brown, black, blue, white   Cable identification   654   Cable   Type   5   Cable   Type   6   Carlificate   URus  Amount stranding   1   Stranding   4   Wires twisted   Wire arrangement   black   Wir	customs tariff number	
Pereining voltage AC max.   250 V	GTIN	4048879835756
Pereining voltage AC max.   250 V	Packaging unit	10
Operating voltage AC max. 250 V Operating voltage DC max. 250 V  Device protection   Electrical  Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I  Environmental characteristics   Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white Cable identification 664 Cable Type 5 Sacket Color black Color black Type of Certificate cuRus Avires wisted  wire arrangement brown, black, blue, white Cable weight 36,3 g/m Material jacket PUR Shore hardness jacket S8 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outler diameter (jacket) 4,7 mm Tolerance outler diameter (sheath) 2,5 % Material wire insulation 12,5 mm Outler diameter risulation 12,5 mm Outler diameter tolerance core insulation 1,25 mm Outler diameter tolerance core insulation 1,25 mm Outler diameter tolerance core insulation 1,25 mm Outler diameter tolerance core insulation 2,5 %		
Device protection   Electrical  Pollution Degree 3 Alacid surge voltage 2,5 kV Material group (IEC 60664-1) 1  Environmental characteristics   Climatic  Deparating temperature min. 25 °C Deparating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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   Cable  wire arrangement brown, black, blue, white Cable identification 654 Cable identification 654 Cable identification 654 Cable of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outler diameter (sheath) ± 5 % Material wire insulation PP Amount wires  Amount strainding 1.5 mm Outler diameter (sheath) ± 5 % Material wire insulation PP Amount wires  Amount strainding 1.5 mm Outler diameter (sheath) ± 5 %		250 V
Pollution Degree 3 Raled surge voltage 2.5 kV Material group (IEC 60664-1) 1 Environmental characteristics   Climatic  Poperating temperature min. 25° C Operating temperature max. 85° C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white Cable identification 654 Cable Type 5 Salacket Color black Croir black Croir black Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 36.3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogon-free, silicone-free Duter-diameter (jacket) 4,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires   Amount stranding 1,25 mm Duter diameter (sheath) 1,25 mm Duter diameter tolerance core insulation 1,25 mm Duter diameter tolerance core insulation 1,25 mm Duter diameter tolerance core insulation 1,25 mm		
Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684-1)         1           Environmental characteristics   Climatic         Uncompared to the presenture min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Voltage 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   Cable wire arrangement         brown, black, blue, white           Cable identification         654           Cable Type         5           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weight         36,3 g/m           Material jacket         PUR           Shore Andress jacket         56 ± 3 Shore D           Freedom from ingredients (jacket)         Leaf-free, cadmium-free, CFC-free, haloge		250 V
Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    wire arrangement brown, black, blue, white   Cable identification   654   Cable Type   5   Jacket Color   black   Type of Certificate   cURus   Amount stranding   1   Stranding   4 wires twisted   wire arrangement   brown, black, blue, white   Cable weigh   36,3 g/m   Material jacket   PUR   Scholar Horner   58 ± 3 Shore D   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Outer-diameter (scheath)   ± 5 %   Material wire insulation   PP   Amount wires   4   Outer diameter insulation   1,25 mm   Outer diameter tolerance core insulation   ± 5 %	Device protection   Electrical	
Material group (IEC 60664-1)  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white Cable identification 654  Cable Type 5  Jacket Color black Cable Color black Type of Certificate CURus Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white Cable weigth 36.3 g/m  Material jacket PUR Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,7 mm  Tolerance outer diameter (sheath) PP  Material wire insulation PP  Amount stires 4  Outer diameter insulation 1,25 mm  Outer diameter insulation 2,5 %	Pollution Degree	3
Environmental characteristics   Climatic Operating temperature min.	Rated surge voltage	2,5 kV
Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white Cable identification 654 Cable identification 654 Cable identification culture	Material group (IEC 60664-1)	I
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white Cable identification 654 Cable Type 5 Jacket Color black Type of Certificate cURus  Amount stranding 1 Stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,7 mm Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Write arrangement brown, black, blue, white  Cable identification 654  Cable identification black  Cable (John Color) black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted write rangement brown, black, blue, white  Cable weigh 36,3 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) 4,7 mm  Tolerance outer diameter (jacket) 4,7 mm  Amount wires 4  Amount diameter (jacket) 4,7 mm  Amount wires 4  Amount wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Operating temperature min.	-25 °C
Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Write arrangement brown, black, blue, white Cable identification 654 Cable Type 5 Subject Color black Type of Certificate cURus  Amount stranding 1 Stranding 4 wires twisted  Write arrangement brown, black, blue, white Cable weigth 36,3 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Shore from ingredients (jacket) 15 %  Material write insulation PP  Amount wires 4  Anount wires 4  Anount strain ingredients (specificate) 15 %  Material write insulation PP  Amount wires 4  Anount wires 4  Anount strain relief (specificate) 1,25 mm  Outer diameter tolerance core insulation 1,25 mm	Operating temperature max.	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    wire arrangement brown, black, blue, white   Cable identification   654   Cable Type   5   Cable Type   5   Cable Type   5   Cable Type of Certificate   cURus   Amount stranding   1   Stranding   4 wires twisted   wire arrangement   brown, black, blue, white   Cable weigth   36,3 g/m   Material jacket   PUR   Shore hardness jacket   58 ± 3 Shore D   Freedom from ingredients (jacket)   4,7 mm   Tolerance outer diameter (sheath)   ± 5 %   Material wire insulation   PP   Amount wires   4   Outer diameter insulation   1,25 mm   Outer diameter tolerance core insulation   ± 5 %	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    Wire arrangement   brown, black, blue, white   Cable identification   654   Cable Type   5   Jacket Color   black   Type of Certificate   cURus   Amount stranding   1   Stranding   4 wires twisted   Wire arrangement   brown, black, blue, white   Cable weigth   36,3 g/m   Material jacket   PUR   Shore hardness jacket   58 ± 3 Shore D   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Outer-diameter (jacket)   ± 5 %   Material wire insulation   PP   Amount wires   4   Outer diameter tolerance core insulation   ± 5 %	Important installation notes	
Installation   Cable wire arrangement brown, black, blue, white Cable identification 654 Cable Type 5 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation ± 5 %  Description of the description o	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
wire arrangement brown, black, blue, white Cable identification 654 Cable Type 5 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Note on bending radius	
Cable identification         654           Cable Type         5           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Installation   Cable	
Cable identification         654           Cable Type         5           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	wire arrangement	brown, black, blue, white
Cable Type       5         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weigth       36,3 g/m         Material jacket       PUR         Shore hardness jacket       58 ± 3 Shore D         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       4,7 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       4         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %		
Dacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement brown, black, blue, white  Cable weigth 36,3 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %		
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Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 4,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Type of Certificate	cURus
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Amount stranding	1
wire arrangement brown, black, blue, white Cable weigth 36,3 g/m  Material jacket PUR Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Stranding	4 wires twisted
Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free silicone-free Outer-diameter (jacket) 4,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	wire arrangement	brown, black, blue, white
Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Cable weigth	36,3 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  4,7 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  Amount wires  4  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  ± 5 %	Material jacket	PUR
Outer-diameter (jacket) 4,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Shore hardness jacket	58 ± 3 Shore D
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,7 mm
Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	4
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 74 ± 3 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	74 ± 3 Shore D

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: 2024-05-20



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   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
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min