

## M12 male 90° / M12 female 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA 7.5m

Ethernet CAT5
Male 90° – female straight
M12 – M12, 4-pole
D-coded
shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

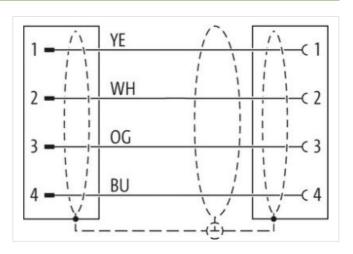
Plastic housings with good resistance against chemicals and oils.

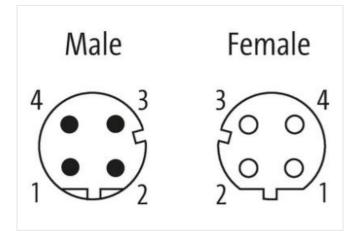
The resistance to aggressive media should be individually tested for your application. Further details on request.

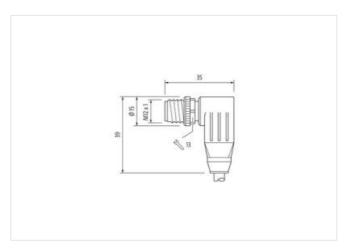
## **Link to Product**

## Illustration



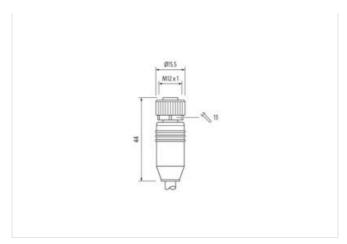








stay connected



Product may differ from Image











Cable length	7,5 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	D
Material	PUR
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	D
Material	PUR
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	EC002599
customs tariff number	85444290
GTIN	4048879327824
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	



stay connected

Industrial communication   Ethernet functionality  Duploes   Politopipes   Politopipes	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Device protection   Electrical  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (Electrical  Degree of protection (Electrical  POS, IPS7, IPS6K  Additional condition protection degree  1, 5, kV  Mineral group (EC 80864-1)  I Mechanical data  Mineral group (EC 80864-1)  I Mechanical data  Mechanical data   Mineral data  Conting (pocking  Nickeled  Locking material  Zino die casting  Mechanical data   Mounting data  Mounting method  Inserted, sprewed, Shaking protection  Environmental characteristics   Climatic  Departing temperature max.  Sino  Operating temperature max.	Data transmission rate max.	100 MBit/s
Degree of protection   EN EC 000299   1P66, IP67, IP68K Additional confidency protection degree inserted, screwed   Pollution Degree   3	Industrial communication   Ethernet fun	ctionality
Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree Additional condition protection degree  Additional condition protection degree  Allated surges voltage  Allated surges voltage  Mochanical data  Contour for corrugated hose  Without  Mochanical data  Contour for corrugated hose  Without  Mochanical data   Material data  Coarding looking  Locking material  Locking	duplex	Full duplex
Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree Additional condition protection degree  Additional condition protection degree  Allated surges voltage  Allated surges voltage  Mochanical data  Contour for corrugated hose  Without  Mochanical data  Contour for corrugated hose  Without  Mochanical data   Material data  Coarding looking  Locking material  Locking	Device protection   Electrical	
Additional condition protection degree inserted, screwed inserted, screwed inserted in protection begree in 1,5 kV indicated group (EC 60684-1) I I I I I I I I I I I I I I I I I I I	•	IP65 IP67 IP66K
Pebuton Degree 3 Rated surge voltage 1, 5 kV  Machanical data   Machanical data   Controur for corrugated hose without   Machanical data	<u> </u>	
Rated surge voltage 1,5 kV Material group (FIC 60864-1) I  Contour for corrugated hose without  Machanical data   Material data   Contour for corrugated hose without  Machanical data   Material data   Contour for corrugated hose without  Machanical data   Material data   Contour for corrugated hose without   Contour for corrugated hose   Nickeled   Contour for corrugated hose   Contour for corrugat	' "	<u> </u>
Material group (IEC 60664-1)  Mechanical data  Coating looking without  Machanical data   Material data  Coating looking Nickeled  Looking material  Zinc die casting  Mechanical data   Muntiling data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature max. 85 °C  Additional condition 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.  Conformity  Product standard Din Ne S1076-2-101 (M12)  Installation   Cable  Cable identification  Zibe identification  Zibe identification  Attention: Observe the permissible tending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard Din Ne S1076-2-101 (M12)  Installation   Cable  Cable identification  Zibe identification  Zibe identification  Attention: Observe the permissible tending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard Din Ne S1076-2-101 (M12)  Installation   Cable  Cable identification   794  Autorition: Observe the permissible tending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Collaboration   Cable   Cabl		
Mechanical data         without           Mechanical data   Material		
Contour for corrugated hose         without           Mochanical data   Material data         Nickeled           Cocking naterial         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatio         Coperating temperature min.         25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         The connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         IN En 61076-2-101 (M12)           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         IN En 61076-2-101 (M12)           Installation   Cable         Cable identification   Ps         Ps           Cable shielding (type)         CuPlus         Cable shielding (type)         CuPlus   Cable shielding (type)         <		
Mechanical data   Material data Coating looking   Nickeled   Zinc dis-casting   Mechanical data   Mounting data Mechanical data   Mounting 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 range   depending on cable quality   Important installation notes  Note on bardian strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard   DIN En 61076-2-101 (M12)  Installation   Gable   Cable identification   794   Jackel Color   green   Jackel Color	Contour for corrugated hose	without
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min	<u> </u>	
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min	·	Nickeled
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.		
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min. 25 °C Additional condition temperature max, depending on cable quality Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contomity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable Cable Identification Pade Jacket Color green URUs Anount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Filece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weight 75,87 g/m Material jacket PUR Shore hardness Jacket PUR Shore hardness Jacket FRNC Couler-diameter (Jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (Jacket) PIR Material inner jacket FRNC Color (Inner jacket) white Material miner jacket FRNC Color (Inner jacket) white Material miner jacket FRNC Color (Inner jacket) white Material wire insulation PE Amount wires  Outer diameter robleance core insulation 1,55 mm Coluter diameter robleance core insulation 1,55 mm Coluter diameter robleance core insulation 1,55 mm Coluter diameter robleance core insulation 1,55 mm		
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN En 61076-2-101 (M12)  Installation   Cable  Cable identification 794  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Filler twisted  Cable shielding (toyerage) 85 %  Banding Filece, Foil  Filler yes  Write arrangement white, yellow, blue, orange  Cable weigth 75.87 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Shore hardness jacket FRNC  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material inner jacket FRNC  Color (inner jacket) 4.55 mm  Outer diameter risulation 1.55 mm  Outer diameter rolerance core insulation 1.55 mm		
Operating temperature min. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation I Cable Cable identification 794 Jacket Color green Type of Certificate Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes write arrangement white, yellow, blue, orange Cable weigh 75,87 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket FRNC Color (inner jacket) White Material inner jacket Upter diameter (insulation PE Amount wires Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation 1,55 mm Outer diameter tolerance core insulation 1,55 mm		
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 794  Jacket Color green Type of Certificate cURus  Amount stranding 1 Stranding 4 wires around Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weight 75,87 g/m  Material Jacket New 194  Material Jacket New 194  Material jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires  4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation 1,55 mm  Outer diameter rolerance core insulation 1,55 mm  Outer diameter tolerance core insulation 1,55 mm	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 794  Jacket Color green  Type of Certificate cURius  Amount stranding 1  Stranding 1 steraing (type)  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 75.87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material in prizabet  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Quiter diameter insulation 1,55 mm  Outer diameter insulation 1,55 mm	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 ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 794  Jacket Cotor green Type of Certificate cURus  Amount strading 1  Stranding 4 wires around Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes wire arrangement white, yellow, blue, orange  Cable weight 75,87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 47,800  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Aculter diameter insulation PE  Amount wires 0  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation 1,55 mm  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation 1,55 mm	Operating temperature max.	85 °C
Note on strain relief Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity Product standard DIN EN 61076-2-101 (M12)  Installation   Cable Cable identification Jucket Color green Type of Certificate CuBlus Amount stranding 1 Stranding A wires around Filler twisted Cable shielding (type) Cable shielding (coverage) Banding Fleece, Foil Filler Jess Shore A Freedom from ingredients (jacket) Duler-diameter (sheath) Eacket Banding Fleece, Foil Freedom from ingredients (jacket) Duler-diameter (sheath) Baterial inner jacket FRINC Color (inner jacket) Material wire insulation PE Amount wires A  Quier diameter insulation 1,55 mm Couter diameter (solutation 1,55 mm Couter diameter (solutation 1,55 mm Couter diameter (insulation 1,55 m	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 794  Jacket Color green Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Filler twisted  Cable shielding (toverage) 85 %  Banding Fleece, Foil  Filler yes  White, yellow, blue, orange  Cable weigh 75,87 g/m  Material jacket PUR  Shore A By Shore A By Shore A By Shore A Bertain Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer diameter (sheath) PT Color insulation 1,55 mm  Outer diameter insulation 1,55 mm  Attention in a standard in the protection class can be endangered bending twee scenes in sulation 1,55 mm  Outer diameter insulation 1,55 mm  Attention in a standard in the protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP protection class can be endangered bending fradii when laying cables, as the IP product of IM 100 protection class can be endangered bending fradii when laying cables, as the IP product of IM 100 protection class can be endangered bending fradii when laying cables, as the IP product of IM 100 protection class can be endangered to IP product of IM 100 protection class can be endangered to IM 100 protection class can be endangered carbon class can	Important installation notes	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 794  Jacket Color green Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Filler twisted  Cable shielding (type) coper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes wire arrangement white, yellow, blue, orange  Cable weigth 75,87 g/m  Material jacket PUR  Shore hardness jacket PUR  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4 A  Outer diameter tolerance core insulation ± 5 %  Material wire insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %  Material wire insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         794           Jacket Color         green           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires around Filler twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           Cable weigth         75,87 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter tolerance core insulation         1,55 mm           Outer diameter tolerance core insulation         1,55 mm <td>Note on bending radius</td> <td></td>	Note on bending radius	
Cable identification 794  Jacket Color green Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes wire arrangement white, yellow, blue, orange  Cable weigth 75,87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 75,87 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Conformity	
Cable identification         794           Jacket Color         green           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires around Filler twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           Cable weigth         75,87 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter tolerance core insulation         1,55 mm           Outer diameter tolerance core insulation         ± 5 %	Product standard	DIN EN 61076-2-101 (M12)
Cable identification         794           Jacket Color         green           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires around Filler twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           Cable weigth         75,87 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter tolerance core insulation         1,55 mm           Outer diameter tolerance core insulation         ± 5 %	Installation   Cable	
Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material vire insulation PE Amount wires 4 Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %		794
Culfus Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRINC Color (inner jacket) Material wire insulation Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %  Material inner insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %		•
Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %	Type of Certificate	
Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Amount wires 4 Outer diameter (soulation ± 5 % Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %	<i>7</i> 1	1
Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes wire arrangement white, yellow, blue, orange  Cable weigth 75,87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Stranding	4 wires around Filler twisted
Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes wire arrangement white, yellow, blue, orange  Cable weigth 75,87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m  Material jacket PUR Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %	Cable shielding (coverage)	85 %
white, yellow, blue, orange  Cable weigth 75,87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %	Banding	Fleece, Foil
Cable weigth 75,87 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Filler	yes
Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Amount wires 4 Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %	wire arrangement	white, yellow, blue, orange
Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Cable weigth	75,87 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Color (inner jacket)  Material wire insulation  PE  Amount wires  4  Outer diameter insulation  Outer diameter tolerance core insulation  Duter diameter tolerance core insulation  Endowment wires  Amount wires  Outer diameter tolerance core insulation  Endowment wires  ### Amount wires  ### Am	Material jacket	PUR
Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Shore hardness jacket	89 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Amount wires 4 Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	6,7 mm
Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Tolerance outer diameter (sheath)	
Material wire insulation PE Amount wires 4 Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %	Material inner jacket	FRNC
Amount wires 4  Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation ± 5 %	Color (inner jacket)	white
Outer diameter insulation 1,55 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PE
Outer diameter tolerance core insulation ± 5 %	Amount wires	4
	Outer diameter insulation	1,55 mm
Shore hardness wire insulation 65 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	65 Shore D



Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 %
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter