

## M12 male 0° D-cod. / RJ45 45° down shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 3m

Product fulfills requirements according to UN/ECE R118

**Ethernet CAT5** 

Male straight - male 45° on bottom

M12 - RJ45, 4-pole

D-coded

shielded

8-pole partly used

Further cable lengths on request.

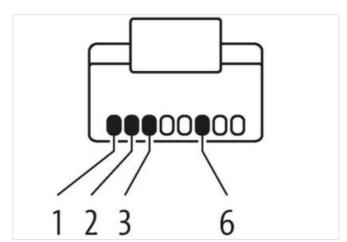
Plastic housings with good resistance against chemicals and oils.

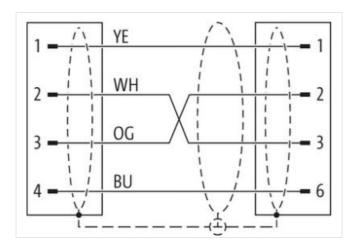
The resistance to aggressive media should be individually tested for your application. Further details on request.

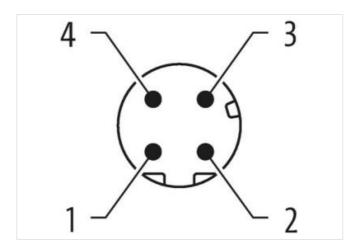
## **Link to Product**

### Illustration



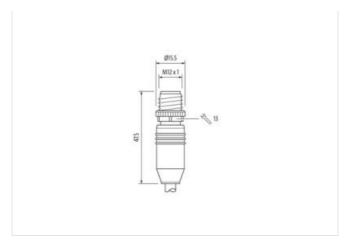


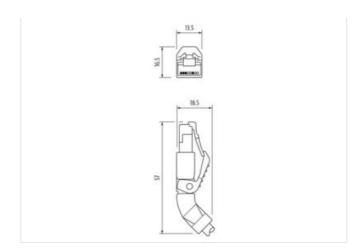






# stay connected





Product may differ from Image















Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	D
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Family construction form	RJ45
Material	PUR
Degree of protection (EN IEC 60529)	IP20
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	4048879373753
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	60 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	1,5 A
Industrial communication	



stay connected

endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	nsfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplex Full duplex  Peritation Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material date Coaling looking Nickeled Coaling looking Material Mounting data Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic Coperaling 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 pormissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Installation   Cable  wire arrangement white, yellow, blue, orange Cable identification 798 Jacket Cofor green Type of Carrificate cUPus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Bandring Fleece, Foll Filler yes wire arrangement white, yellow, blue, orange Cable weight 89,3 g/m Material jacket Fieldom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, ellicone-free	a transmission rate max.	100 MBit/s
duplex Full duplex  Pevice protection   Electrical  Pollution Degree 3 Rated surge voltage 1 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coaling locking Nickeled  Locking material   Zinc die-casting    Mechanical data   Mounting data    Muniting method   Inserted, screwed, Shaking protection  Environmental characteristics   Climatio  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 ties.  Attention: Observe the permissible bonding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Furduct standard DIN EN 61076-2-101 (M12)  Installation   Cable wire arrangement white, yellow, blue, orange  Cable identification 796  Lake Cofor green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Bandring Fiece, Foll  Filler yes  Wire arrangement white, yellow, blue, orange  Cable weight 69.3 g/m  Material jacket  Challer in yellow, blue, orange  Cable weight 89.3 g/m  Material jacket  Freedom from ingredients (jacket) lead-free, cedmium-free, CFC-free, halogen-free, silicone-free	lustrial communication   Ethernet funct	ionality
Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without Mechanical data   Material data Costing locking Nickeled Locking material Zinc die-asting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Coperating temperature min. 25° °C Operating temperature max. 85° °C Additional condition temperature range depending on cable quality important installation notes  Note on sharin relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Coberve 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 wire arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Cerificate CURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, finned Cable shielding (type) deverage) 85 % Banding Fleece, Foil Filler yes Write arrangement white, yellow, blue, orange Cable weigth 69,3 g/m Material jacket Freedom from ingredients (jacket) is ead-free, cadmium-free, CFC-free, halogen-free, sillicone-free	·	
Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Costing Indicated   Material data Costing Indicated   Material data Costing material   Zinc de-casting  Mechanical data   Munting data Mechanical data   Munting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C Operating temperature man. 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: Coserve 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  wire arrangement white, yellow, blue, orange Cable identification 796  Jacket Cotor green Type of Certificate cURlus Amount stranding 1 Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, funed  Cable shielding (coverage) 85 %  Barding Fleece, Foil Filler yes  Vire arrangement white, yellow, blue, orange  Cable weigth 69,3 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, sillcone-free		i un duplex
Rated surge voltage 1 kV  Material group (IEC 60664-1) 1  Mechanical data Contour for corrugated hose without  Mechanical data   Material data   Coating locking Nickeled   Coating locking Nickeled   Coating material   Mounting data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Cilmatic   Coperating 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.  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 wire arrangement   White, yellow, blue, orange   Cable identification   796   Jacket Color   Type of Certificate   cul?Rus   Amount stranding   1 Stranding   4 wires around Core filler twisted   Cable shielding (toye)   Cable shielding (coverage)   85 %   Banding   Fleece, Foil   Filler   yes   Material jacket   PUR   Shore hardness jacket   PUR   Freedom from ingredients (jacket)   693 g/m	•	
Material group (IEC 60664-1)  Mechanical data Contour for corrupted hose without  Mechanical data   Material data Coating locking Nickeled Locking material Zinc die-casting  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  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. 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  Froduct standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate cJURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 69.3 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Mechanical data   Material data   Material data   Conting locking   Nickeled		
Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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.  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 wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (type) copper braid, tinned  Cable shielding (type) special spe		ı
Mechanical data   Material data	chanical data	
Coating locking Nickeled  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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.  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  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, cafmium-free, CFC-free, halogen-free, silicone-free	tour for corrugated hose	without
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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.  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 wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Bandring Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 69,3 g/m  Material jacket  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	chanical data   Material data	
Mounting method inserted, screwed, Shaking protection  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.  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  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foll  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 69.3 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	iting locking	Nickeled
Mounting method inserted, screwed, Shaking protection  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.  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  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	king material	Zinc die-casting
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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, hinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 69,3 g/m  Material jacket PUR  Shore hardness jacket 88 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	chanical data   Mounting data	
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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core filler twisted  Cable shielding (type) copper braid, hinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 69,3 g/m  Material jacket PUR  Shore hardness jacket 88 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		inserted, screwed, Shaking protection
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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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		
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.  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  wire arrangement white, yellow, blue, orange Cable identification 796  Jacket Color green Type of Certificate cURus  Amount stranding 1 Stranding 4 wires around Core 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 69,3 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		05.00
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.  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  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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		
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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	- ·	
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 wire arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core 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 69,3 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		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  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1 Stranding 4 wires around Core 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 69,3 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	portant installation notes	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	e on strain relief	
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	e on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	nformity	
wire arrangement white, yellow, blue, orange  Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	duct standard	DIN EN 61076-2-101 (M12)
Cable identification 796  Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	tallation   Cable	
Jacket Color green  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	arrangement	white, yellow, blue, orange
Type of Certificate cURus  Amount stranding 1  Stranding 4 wires around Core 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 69,3 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	le identification	796
Amount stranding  Stranding  4 wires around Core 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  69,3 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	ket Color	green
Stranding 4 wires around Core 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 69,3 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	e of Certificate	cURus
Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 69,3 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	ount stranding	1
Cable shielding (coverage) 85 %  Banding Fleece, Foil  Filler yes  wire arrangement white, yellow, blue, orange  Cable weigth 69,3 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	ınding	4 wires around Core filler twisted
Banding Fleece, Foil  Filler yes wire arrangement white, yellow, blue, orange  Cable weigth 69,3 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	le shielding (type)	copper braid, tinned
Filler yes wire arrangement white, yellow, blue, orange  Cable weigth 69,3 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	le shielding (coverage)	85 %
wire arrangement white, yellow, blue, orange  Cable weigth 69,3 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	ding	Fleece, Foil
Cable weigth 69,3 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	r	· ·
Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	<u> </u>	•
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
	<u> </u>	
Quier-glameter (lacket) 6 / mm		·
		6,7 mm
Tolerance outer diameter (sheath) ± 5 %  Meterial inner insket	· , ,	
Material inner jacket FRNC		
Color (inner jacket) natur  Material wire insulation PE		
Amount wires 4		
Outer diameter insulation 1,4 mm		
Outer diameter insulation 1,4 min  Outer diameter tolerance core insulation ± 5 %		
Shore hardness wire insulation 65 Shore D		
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free		

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: 2024-06-24



# stay connected

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	$100~\Omega$ ± $15~\%$ @ $100~MHz$
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)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
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	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m