

## M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 2.5m

**Ethernet CAT5** Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

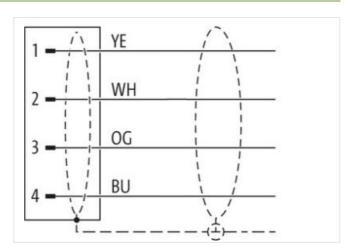
Plastic housings with good resistance against chemicals and oils.

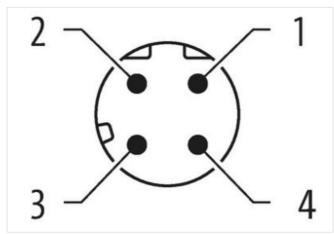
The resistance to aggressive media should be individually tested for your application. Further details on request.

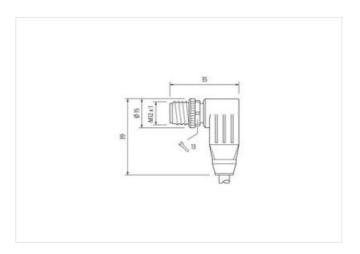
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

2,5 m



stay connected

Mounting method         inserted, serewed           Family construction form         M12           Times         M12 x 1           Decing         D           Waterial         PUR           Width across flats         SW13           Burger of protection (EN IEC 60529)         PB6, IP66K. IP67           Stripping length (jacket)         20 mm           Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060907           ECLASS-7.0         27060907           ECLASS-8.0         27060907           ECLASS-1.1         27060907           ECLASS-1.2         27060907           ECLASS-1.1         27060907           ECLASS-1.2         27060907           ECLASS-1.1         27060907           ECLASS-1.1         27060907           ECLASS-1.1         27060907           ECLASS-1.1         27060907           ECLASS-1.2         27060907           ECLASS-1.1         406590903029           ECLASS-1.1         406590903029           ECLASS-1.2         ECLASS-1.2           ECLASS-1.2         1.5 A           Legerating votage portionate max.	Side 1	
Family construction from	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
Decision	Family construction form	M12
Material         PUR           Winth across floation (EN IEC 60569)         IP65, IP66K, IP67           Side 2         Sirpping legith (lacket)         20 mm           COLASS 6.0         27061801           ECLASS 6.1         27060807           ECLASS 7.0         27060807           ECLASS 7.1.1         27060807           ECLASS 7.0         27060807           ECLASS 7.0         27060807           ECLASS 7.1.1         27060807           ECLASS 7.1.2         27060807 </td <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
Width across fals         SW13           Degree of priorizon (EN IEC 60529)         IPS6, IP66K, IP67           Silido 2         Stripping length (jacket)         20 mm           Commercial data           ECLASS 6.0         27069007           ECLASS 6.1         27069007           ECLASS 7.0         27069007           ECLASS 8.0         27069007           ECLASS 9.0         27069007           ECLASS 1.1         27069007           ECLASS 1.1.1         27069007           ECLASS 1.2.0         27069007           ECLASS 1.2.1         27069007           ECLASS 1.2.2         27069007           ECLASS 1.2.3         27069007           ECLASS 1.2.4         27069007           ECLASS 1.2.1         27069007           ECLASS 1.2.2         27069007           ECLASS 1.2.3         27069007           ECLASS 1.2.1         27069007           ECLASS 1.2.1         27069007           ECLASS 1.2.2         27069007           ECLA	Coding	
Degree of protection (EN IEC 60529)	Material	
Side 2           Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-9.0         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.		
Commercial data	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data           ECLASS-6.0         27061801           ECLASS-7.0         27060307           ECLASS-7.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ETIM-5.0         EC002599           STIN         40659003029           Packaging unit         1           Electrical data i Supply         1           Electrical data i Supply         1           Current operating per contact max.         1,5 A           Industrial communication         1,5 A           Industrial communication   Ethernet functionality         1           Stropping length (jacket)         5 Uniform (jacket)           Stropping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         1,5 KV           Medical and protection degree         3           Rated suge voltage         1,5 KV           Medical protection (jacket)         1,5 KV           Mechanical data   Material data	Side 2	
ECLASS 6.0         27061801           ECLASS 6.1         27060307           ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 10.1         27060307           ECLASS 11.2         27060307           ECLASS 12.0         27060307           ECLASS 12.0         27060307           ECLASS 17.1         406509033029           Peckaging unit         4           Electrical data Supply         406509033029           Peckaging unit         1           Electrical communication         5           Transfer parameters         60 V           Durrent operating per contact max.         1,5 A           Industrial communication         1           Undestrial communication         1           Transfer parameters         CA15, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           Stripping length (jacket)         20 mm           Wounting set         Mil 2 x 1           Device protection   Electrical           Very Very Protection   Electrical           Very Very Protection   Electrical </td <td>Stripping length (jacket)</td> <td>20 mm</td>	Stripping length (jacket)	20 mm
ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-11.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 1 27060307 ECLASS-10.1 1 27060307 ECLASCAS-10.1 1 27060307 ECLASCAS-10.1 1 27060307 ECLASCAS-10.1 1 27060307 ECLASCAS-10.1 1 27060307	Commercial data	
ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 9.0 27060307 ECLASS 10.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ETIM-5.0 ECO02599  Dustons tariff number 85444290 GTIN 406590933029 Packaging unit 1  Electrical data   Supply  Deparating voltage DC max. 60 V Durent operating per contact max. 1,5 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBN/s  Industrial communication   Ethernet functionality  Upupox Full duplex Full duplex  Industrial communication   Ethernet functionality  Upupox Full duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set May 12 x 1  Mounting set Stripping 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data  Material group (IEC 60664-1) 1  Mechanical data  Contour for corrupated hose without  Mechanical data   Material data  Coating of fitting nickel plated  Locking material  Mechanical data   Mounting data	ECLASS-6.0	27061801
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.0 ECMASS-1.0 ECM	ECLASS-6.1	27060307
ECLASS 9.0         27060307           ECLASS 9.0.1         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ETIM-5.0         EC002599           substoms tarff number         85444290           STIN         4065999033029           Packaging unt         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Deat transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Stripping length (jacket)           Multiple per protection   Electrical           Additional condition protection degree         inserted, screwed           Powice protection   Electrical           Additional condition protection degree         inserted, screwed           Powice protection   Electrical	ECLASS-7.0	27060307
ECLASS-10.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tariff number         85444290           GTIN         4005909303099           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Undustrial communication           Undustrial communication   Ethernet functionality           Unperating (packet)         Full duplex           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Addition protection degree         inserted, screwed           Pollution Degree         3           Read surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data           Mechanical data   Material data           Conding Jocking         Nickeled <t< td=""><td>ECLASS-8.0</td><td>27060307</td></t<>	ECLASS-8.0	27060307
ECLASS-1.1.1         27060307           ECLASS-1.2.0         27060307           ECHASS-1.2.0         EC002599           Dustoms tariff number         85444290           STIN         4065909033029           Packaging unit         1           Electrical data   Supply         Uncertain operating per contact max.           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters           CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           Upupex         Full duplex           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rate stuge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         I           Coating focking         Nickeled           Coating folking         nickel plated </td <td>ECLASS-9.0</td> <td>27060307</td>	ECLASS-9.0	27060307
ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tariff number         85444290           GTIN         4065909033029           Packaging unit         1           Electrical data   Suppty           Operating yor lotage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet tunctionally           Luplex           Industrial communication   Ethernet tunctionally           Unperating type (jacket)           Full duplex           Industrial communication   Ethernet tunctionally           Unperating type (jacket)           Stripping length (jacket)         20 mm           Meditional Condition protection degree         inserted, screwed           Poliution Degree         3           Rated surge voltage         1,5 kV           Mechanical data           Mechanical data	ECLASS-10.1	27060307
ETIM-5.0 EC002599  20storn tariff number 85444290  3TIN 4065909033029  Packaging unit 1  Electrical data   Suppty  Coperating voltage DC max. 60 V  Current operating per contact max. 1,5 A  Industrial communication  Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functivality  duplex Full duplex  Industrial communication   Ethernet functivality  duplex Full duplex  Industrial communication   Ethernet functivality  duplex 50 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage inserted, screwed  Pollution Degree 3  Rated surge voltage inserted, screwed  Mechanical data   Material data  Contour for corrugated hose without  Mechanical data   Material data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking nickel plated  Locking material Zirc die-casting  Material sorew connection Zirc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	ECLASS-11.1	27060307
customs tariff number         85444290           CaTIN         4065909033029           Packaging unit         1           Electrical data   Supply           Current operating per contact max.         1,5 A           Current operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBIt/s           Industrial communication   Ethernet functionallity           Industrial communication   Ethernet functionallity           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material grow (IEC 60664-1)         1           Mechanical data   Material data           Coating of fitting         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material scre	ECLASS-12.0	27060307
Carrin   Australia   Supply	ETIM-5.0	EC002599
Packaging unit 1  Electrical data   Supply  Deparating voltage DC max. 60 V  Current operating per contact max. 1,5 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Palated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Cocating of fitting inckel plated  Locking material 2 inc die-casting  Material screw connection 2 inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	customs tariff number	
Electrical data   Supply Operating voltage DC max. Operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Obata transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality Undustrial Communicational Ethernet functionality Undustrial Communicational Ethernet functionality Undustrial Communicationality Undustri		
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Current operating per contact max. 1,5 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking  Coating locking  Mickeled  Coating locking  Material screw connection   Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Electrical data   Supply	
Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  druplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Meterial group (IEC 60664-1)   I  Meterial group (IEC 60664-1)   I  Meterial data   Material data    Meterial screw connection   Nickeled  Coating locking inickel plated  Locking material Zinc die-casting  Meterial screw connection Zinc die-casting  Meterial screw connection   Zinc die-casting  Meterial screw connection   Nickeled    Meterial screw connection    Meterial screw connect	Operating voltage DC max.	60 V
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  druplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated Locking material  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Munting method inserted, screwed, Shaking protection	Current operating per contact max.	1,5 A
Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Screw connection inserted, screwed, Shaking protection independent of inserted, screwed, Shaking protection inser	Industrial communication	
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Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 6064-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material incorrugated incorruga	Data transmission rate max.	
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 6064-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material incorrugated incorruga	Industrial communication   Ethernet fur	nctionality
Stripping length (jacket)  Stripping length (jacket)  Mounting set  M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Coating screw connection Zinc die-casting  Methanical data   Mounting data  Munuting method inserted, screwed, Shaking protection	·	
Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	•	Full duplex
Mounting set  M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	11 0 0 0 7	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Device protection   Electrical	
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Additional condition protection degree	inserted, screwed
Material group (IEC 6064-1)  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Pollution Degree	3
Mechanical data Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Rated surge voltage	1,5 kV
Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Material group (IEC 60664-1)	1
Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Auterial screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Mechanical data	
Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  Inserted, screwed, Shaking protection	Contour for corrugated hose	without
Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  Inserted, screwed, Shaking protection	Mechanical data   Material data	
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		Nickeled
Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		
Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		·
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Material screw connection	· · · · · · · · · · · · · · · · · · ·
Mounting method inserted, screwed, Shaking protection	Mechanical data   Mounting data	
		inserted screwed Shaking protection
Environmental characteristics   Climatic		
	Environmental characteristics   Climatic	



stay connected

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.
Note 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.
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 (type)  Cable shielding (coverage)	85 %
Banding (coverage)	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 insulation	1,55 mm
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
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18



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