

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

PUR AWG20/26 shielded gn UL/CSA+drag ch. 25m

**Ethernet CAT5** Male straight M12, 8-pole Y-coded shielded

Further cable lengths on request.

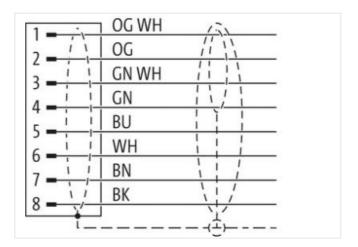
Plastic housings with good resistance against chemicals and oils.

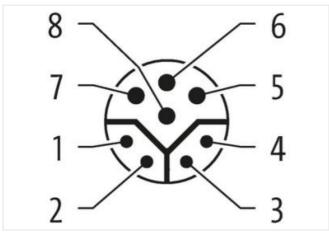
The resistance to aggressive media should be individually tested for your application. Further details on request.

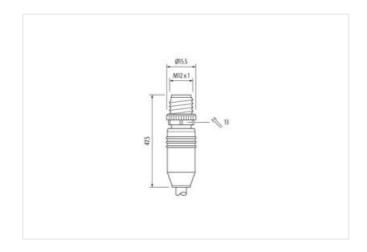
## **Link to Product**

## Illustration









Product may differ from Image



Cable length

25 m

Side 1



stay connected

Family construction form M12 x 1 Cocking Y Material PUR Witch across filas SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.1 27060307 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.3 27060307 ECLASS-1.4 27060307 ECLASS-1.5 20 27060307 ECLASS-1.5 20 27060307 ECLASS-1.5 20 27060307 ECLASS-1.6 27060307 ECLASS-1.7 27060307 ECLASS-1.8 20 27060007 ECLASS-1.8 20 27060007 ECLASS-1.8 20 27060007 ECLASS	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
Coding	Family construction form	M12
Mean and   PUR   Minter and	Thread	M12 x 1
Width across fiats         SW13           Degree of protection (EN ICC 00529)         IP67           Commercial data         Encl. ASS-6.0         27061801           ECLASS-6.0         27060307         ECLASS-7.0         27060307           ECLASS-8.0         27060307         ECLASS-8.0         27060307           ECLASS-10.1         27060307         ECLASS-10.1         27060307           ECLASS-11.1         27060307         ECLASS-11.1         27060307           ECLASS-12.0         27060307         ECLASS-12.0         27060307           ETIM-5.0         ECO01855         ECLASS-12.0         27060307           ETIM-5.0         ECO01855         ECCASS-12.0         27060307           ETIM-5.0         ECO01855         ECCASS-12.0         27060307           ETIM-5.0         ECO01855         ECCASS-12.0         27060307           ETIM-5.0         ECO01855         ECCASS-12.0         27060307           ETIM-5.0         ECCASS-12.0         27060307         ECCASS-12.0         27060307           Eclassical Supply         Decreasing voltage No.0         50 V         27060307         27060307         27060307         27060307         27060307         27060307         27060307         27060307         27060307 <td>Coding</td> <td>Υ</td>	Coding	Υ
Degree of protection (EN IEC 60529)   P67	Material	PUR
Commercial data           ECLASS-6.0         27061801           ECLASS-7.0         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         ECO1855           Declass-12.0         27060307           GTIN         4048679739009           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (ILL-listed)         30 V           Operating voltage AC (ILL-listed	Width across flats	SW13
Commercial data           ECLASS-6.0         27061801           ECLASS-7.0         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         ECO1855           Declass-12.0         27060307           GTIN         4048679739009           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (ILL-listed)         30 V           Operating voltage AC (ILL-listed	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.0 ECONISS-5 customs tariff number 85444290 GTIN 4048879739099 Peckaging unit 1  Electrical data   Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 40 V Operating voltage AC (UL-listed) 40 V Operating voltage AC (UL-listed) 40 V	Commercial data	
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ECLASS-10.1 27060307 ECLASS-11.2 27060307 ECLASS-12.0 27060307 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879739009 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating current per data contact max. 0.5 A Operating current per data contact max. 10.5 A Operating current per per power contact max. 10.5 A Operating current per per power contact max. 10.0 MBit/s  Industrial communication  Industrial communication   Ethernet functionality  duplex Full duplex  Full duplex  Full duplex  Full duplex  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating of litting inckel plated  Locking material inckel plated  Locking material inckel plated  Locking material incleasing  Mounting method inserted, screwed. Shaking protection  Environmental characteristics   Climatic		
ECLASS-1.1.1         27060307           ECLASS-12.0         27060307           ETIMS-5.0         E0001855           customs tariff number         85444290           GTIN         4048879739009           Packaging unt         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC QLL-listed)         30 V           Operating voltage DC QLL-listed)         30 V           Operating current per power contact (UL)         3.3 A           Operating current per power contact max.         6 A           Industrial communication           Transfer parameters         CAT5. Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MB/Us           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I		
ECLASS-12.0         27060307           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879739009           Packaging unit         1           Electrical data   Supply         Voperating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact (UL)         3,3 A           Operating current per data contact max.         0,5 A           Operating current per prower contact max.         6 A           Industrial communication         Transfer parameters           CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transnission rate max.         100 MBt/s           Industrial communication   Ethernet functionality           duplex           Installation   Connection           Mounting set         M12 x 1           Period protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Read surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data		
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879739009 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC max. 6A Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC max. 6A  Industrial communication Transfer parameters 6AT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBt/s Industrial communication   Ethernet functionality duplex Full duplex  Installation   Connection Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3  Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data   Material data  Coating of litting nickel plated Locking material Coating of litting nickel plated Locking material Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic		
customs tariff number         85444290           GTIN         4048879739009           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage BC max.         50 V           Operating voltage DC (UL-listed)         30 V           Operating portage DC (UL-listed)         30 V           Operating per contact (UL)         3.3 A           Operating per contact (UL)         3.3 A           Operating per per power contact max.         0.5 A           Operating parameters         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functival industrial industr		
CITIN 404879739009 Packaign unit 1  Electrical data   Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating current per data contact max. 0.5 A Operating current per data contact max. 0.5 A Operating current per power contact max. 6 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functivality duplex Full duplex  Industrial communication   Ethernet functivality duplex Mu2 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of litting inched inchedition inserted, screwed, Shaking protection  Mechanical data   Mounting data  Meunting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic		
Packaging unit   1   1		
Electrical data   Supply Operating voltage AC max. 50 V Operating voltage DC max. 50 V Operating voltage DC max. 50 V Operating voltage DC (UL-listed) 30 V Operating outleage DC (UL-listed) 33 A Operating current per data contact max. 0.5 A Operating current per power contact max. 0.5 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  Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3  Rated surge voltage 0,8 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking Nickeled Coating of fitting incikel plated Locking material Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection		
Operating voltage AC max. 50 V Operating voltage DC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Oursel operating port contact (UL) 3.3 A Operating current per data contact max. 0,5 A Operating current per data contact max. 0,5 A Operating current per power contact max. 6 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 functionality duplex Full duplex Installation   Connection  Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1)   Imechanical data   Material data Coating of fitting incicel pated Locking material   Zinc die-casting Meterial screw connection   Zinc die-casting Meterial gmethod inserted, screwed, Shaking protection  Inserted, screwed, Shaking protection	Packaging unit	1
Operating voltage DC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating covered per contact (UL) 3.3 A Operating current per data contact max. 0,5 A Operating current per data contact max. 6 A Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality  duplex Full duplex Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated Locking material  Material screw connection Zinc die-casting  Metenials data   Mounting data  Metenials data   Mounting data  Metenials data   Mounting data  Metenial data   Mounting data  Mounting method inserted, screwed, Shaking protection	Electrical data   Supply	
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Operating voltage DC (UL-listed) 30 V Current operating per contact (UL) 3,3 A Operating current per data contact max. 0.5 A Operating current per power contact max. 6 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 functionality duplex Full duplex Installation   Connection Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Metarial group (IEC 60664-1) I Mechanical data   Material data Coating locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Metanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic	Operating voltage DC max.	50 V
Current operating per contact (UL) 3,3 A Operating current per data contact max. 0,5 A Operating current per power contact max. 6 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 functionality duplex Full duplex Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60684-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel pated Locking material Zinc die-casting Material screw connection Zinc die-casting Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Operating voltage AC (UL-listed)	30 V
Operating current per data contact max. 0.5 A Operating current per power contact max. 6 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1)    Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material Zinc die-casting  Meterial screw connection Zinc die-casting  Meterial screw connection inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Operating voltage DC (UL-listed)	30 V
Operating current per power contact max. 6 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 functionality  duplex Full duplex  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking naterial Zinc die-casting  Material screw connection Zinc die-casting  Meterial screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Current operating per contact (UL)	3,3 A
Inaster 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  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting inckel plated Locking material  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Operating current per data contact max.	0,5 A
Transfer parameters CATS, 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  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking material  inside plated  Locking material  incikel plated  Locking material  inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Operating current per power contact max.	6 A
Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Industrial communication	
Industrial communication   Ethernet functional duplex  Full duplex  Mounting set  M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Coating in Jim die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Data transmission rate max.	100 MBit/s
Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Coating in Jim die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Industrial communication   Ethernet func	tionality
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	•	•
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	<u> </u>	Типосрия
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material zince die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	·	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Device protection   Electrical	
Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Coating of fitting  Coating of fitting  Locking material  Auterial screw connection  Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic	Pollution Degree	3
Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Rated surge voltage	0,8 kV
Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Material group (IEC 60664-1)	
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Mechanical data   Material data	
Locking material  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Coating locking	Nickeled
Locking material  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Coating of fitting	nickel plated
Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Locking material	
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Material screw connection	<del>-</del>
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	Mechanical data   Mounting data	
Environmental characteristics   Climatic		inserted, screwed, Shaking protection
		, ,
Operating temperature min23 O	·	25 °C
	ореганид тетпрегацие тип.	-20 G



stay connected

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	
wire arrangement	black, brown, white, blue, (orange-white, green, orange, green-white)
Cable identification	805
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around 1 Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 wires around Stranding combination with Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type)  Cable shielding (coverage)	85 %
Pair shielding (type)	copper braid, tinned
Pair snielding (type)  Banding	Fleece, Foil
Banding Filler	
wire arrangement	yes black, brown, white, blue, (orange-white, green, orange, green-white)
Cable weigth	107,8 g/m
Material jacket	PUR COLUMN A
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	20 AWG
Conductor crosssection (wire)	20 AWG
Material conductor wire	Stranded copper wire, bare
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,1 mm
Tolerance outer diameter wire insulation (data	•
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	4
Amount strands wire (Data)	19
Diameter of single wires (Data)	26 AWG
Conductor crosssection wire (Data)	26 AWG
Material conductor wire (Data)	Stranded copper wire, bare
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	2 A



Characteristic impedance	100 $\Omega$ ± 15 % @ 1 MHz
Electrical resistance line constant wire	35 Ω/km
Electrical resistance coating wire (Data)	140 Ω/km
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Isolation resistance	5000 MΩ
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3,3 m/s
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min