

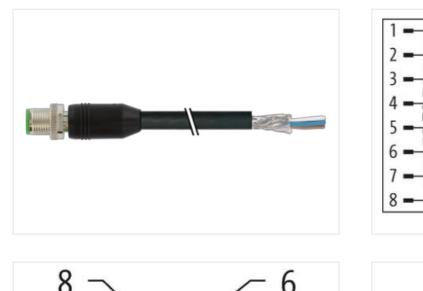
## M12 male 0° Y-cod. with cable shielded

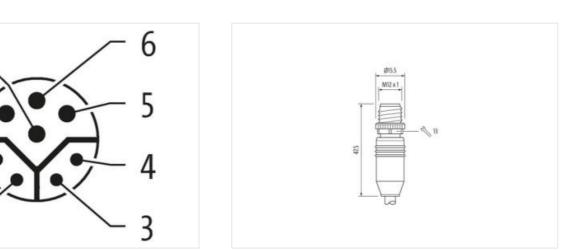
PUR AWG20/26 shielded bk UL/CSA+drag ch. 0.5m

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







OG WH

GN WH

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0G

GN BU

WH

BN BK

T

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Product may differ from Image



Cable length

0,5 m

Side 1

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: 2024-05-21

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Muning method         Institution form         M12           Frankal vacuum form         M12 × 1           Cading         Y           Muninal         PUR           With across fails         SW13           Degree of proteoring (FUE Coops)         PP7           Commercial data         27050307           Conservation         27050307           Collass 5.0         27050307           Collass 5.1         27050307           Collass 6.1         27050307           Collass 6.1         27050307           Collass 6.1         27050307           Collass 6.1         27050307           Colass 6.1         27050307 <tr< th=""><th>Tightening torque</th><th>0,6 Nm</th></tr<>	Tightening torque	0,6 Nm
Family construction form         M12           Tread         M12 x 1           Cooling         Y           Material         PUR           Wath across files         SW13           Darge of protection (EN EC 6029)         IPS7           Commercial data         2000007           ECLASS 6.0         27061801           ECLASS 7.0         27000007           ECLASS 7.0         ECOURDS           GTIN         4048707/50172           Peckaling valitage AC (ILLend)         30 V           Coversiting valitage AC (ILLend)	Mounting method	inserted, screwed
Cxding         Y           Matarial         PUR           Witch arcoss filta's         SW13           Dagree of protection [EN EC 9529)         IPS7           Commercial data         27061001           ECLASS 6.0         27061001           ECLASS 7.0         27060007           ECLASS 7.0         50 V           Operating vintag CLA Grass	-	M12
MaterialPURWath access fieldsSW13Degree of protection (EN EC 60529)IP67Connectiol data27061801ECLASS 6.027061801ECLASS 7.027060807ECLASS 7.027060807ECLASS 8.027060807ECLASS 8.027060807ECLASS 8.027060807ECLASS 8.027060807ECLASS 8.127060807ECLASS 8.127060807ECLASS 8.1.127060807ECLASS 8.1.227060807ECLASS 8.1.227060807ECLASS 8.1.127060807ECLASS 8.1.127060807ECLASS 8.1.227061805coulors datif nurbar8444280Garin V404879750172Packaging unit1Etertical data ISuppi90 VOperating voltage AC (UL 1886)30 VOperating voltage AC (UL 1886) </td <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
Width across flats         SW13           Degree of protection (EN IEC 68529)         IP67           Commercial dat         ECLASS 6.0         27061801           ECLASS 6.1         27060307         ECLASS 7.0           ECLASS 7.0         27060307         ECLASS 7.0           ECHASS 10 Suppit         0.0         Questing writage 0.0 N.0           Operating writa	Coding	Y
Degree of protection (EN IEC 60529)         IP67           Commercial data	Material	PUR
Commercial data         ECLASS-6.0         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0.1         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.1         27060307           ECLASS-14.1         27060307           ECLASS-12.0         27060307           ECLASS-13.0         27060307           ECLASS-14.0         27060307           ECLASS-12.0         27060307           ECLASS-13.0         27060307           ECLASS-14.1         27060307           ECLASS-15.0         27060307           ECLASS-17.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.1         27060307           ECLASS-14.1         27060307           ECLASS-10.1         4048879750172           Edechaid ata [Supply         0           Operating volage AC (lu.lested)         30 V	Width across flats	SW13
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ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-6.0         27060307           ECLASS-6.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27090307           ECLASS-13.0         27090307           ECLASS-14.0         27090307           ECLASS-17.0         ECO003E55           cuations tariff number         B544230           GTIN         4046873750172           Packaging unit         1           ELECITICAL data   Supply	Commercial data	
ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0         27060307           ECLASS-8.1         27060307           ECLASS-1.1         27060307           ECLASS-1.2         27060307           ECLASS-1.2         27060307           ECLASS-1.2         27060307           ETM-5.0         EC001955           outoms tarff number         65444290           GTIN         4048879750172           Packagin unit         1           Electrical dia   Suppy         Electrical dia   Suppy           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         5.A	ECLASS-6.0	27061801
ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-9.0         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           EclasS-10.0         0           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC max.         0.5 A           Oper	ECLASS-6.1	27060307
ECLASS-9.0         27660307           ECLASS-10.1         27660307           ECLASS-11.1         27660307           ECLASS-12.0         27660307           ECLASS-12.0         27660307           ETM-5.0         EC001855           outsoms tariff number         85444200           GTN         4048979750172           Packagin unit         1           Electrical data [Supply         Deprating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC (UL-listed)         30 V           Current operating outsone por outsout (UL)         3.3 A           Operating voltage DC (UL-listed)         30 V           Current operating outsone pro outsout (UL)         3.3 A           Operating voltage DC (UL-listed)         30 V           Current operating outson tark (UL)         3.3 A           Operating voltage DC (UL-listed)         30 V           Current operating outson tark (UL)         3.3 A           Detat transmission rate max.         100 MBU/s           Industrial communication           Ethernet functionality           duiglex         Fuil duplex	ECLASS-7.0	27060307
ECLASS-10.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887750172           Packaging unit         1           Etected data   Supply         Coperating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating per contact (UL)         3.3 A           Operating per contact (UL)         3.3 A           Operating ourge per contact (UL)         3.3 A           Operating ourge per contact (UL)         3.3 A           Operating current per data contact max.         0.5 A           Operating current per contact (UL)         3.3 A           Operating current per contact (UL)         3.3 A           Industrial communication         CAT5. Class D (ISO/EC 11801:2002), (EN 50178-1)           Data transmission rate max.         100 MBI/s           Industrial communication   Etenter functionality         Cate per solita   Etenter functionality           duplex         Full duplex         Eteltes = 0.8           Industrial contion protection degree         inserted. screwed           Pollution Be	ECLASS-8.0	27060307
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ECLASS-12.0         27060307           ETIM-5.0         EC001855           customs tairff number         85444290           GTIM         4048879750172           Packaging unit         1           Electrical data [Supply         Comparison to the second seco	ECLASS-10.1	27060307
ETIM-S.0         EC001855           customs taiff number         85444290           GTIN         4048879750172           Packaging unit         1           Electrical data   Supply	ECLASS-11.1	27060307
customs tariff number         85444290           GTIN         4048879750172           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 outage DC (UL-listed)         30 V           Operating current per data contact max.         0.5 A           Operating current per power contact max.         0.5 A           Operating current per power contact max.         0.5 A           Industrial communication Nax.         100 MBit/s           Industrial communication Nax.         Nickel           Industrial communication Nax.         Nickel <td>ECLASS-12.0</td> <td>27060307</td>	ECLASS-12.0	27060307
GTIN         4048879750172           Packaging unit         1           Electrical data   Supply	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply	customs tariff number	85444290
Electrical data   Supply           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           Current operating per contact (UL)         3.3 A           Operating outge AD (UL-listed)         30 V           Current operating per contact max.         0.5 A           Operating current per data contact max.         0.5 A           Operating outge muture per power contact max.         6 A           Industrial communication         Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MEit/s           Industrial communication   Ethernet functionality         Iduplex           Installation   Connection         Metri/s           Mounting set         M12 x 1           Device protection   Electrical         Instellad, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 6066-1)         1           Mechanical data   Material data         Zinc die-casting           Material grou	GTIN	4048879750172
Operating voltage AC max.         50 V           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         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet funct/onality         Molex           Mulpex         Full duplex           Installation   Connection         M12 x 1           Device protection   Electrical         Serwed           Pollution Degree         3           Rated surg voltage         0.8 kV           Material group (IEC 60664-1)         I           Mec	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 per contact (UL)         3.3 A           Operating current per data contact max.         6 A           Industrial communication         Farsfer parameters           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Iduplex           duplex         Full duplex           Installation   Connection         M12 x 1           Device protection   Electrical         Restred, screwed           Poliution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Conc dip of fitting           Coating locking         Nickeled           Coating of fitting         nickel plated           Coating of fitting         Zinc die-casting           Material row onnection         Zinc die-casting           Material row onnection         Zinc die-casting           Material row onnectio	Electrical data   Supply	
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 per contact (UL)         3.3 A           Operating current per data contact max.         6 A           Industrial communication         Farsfer parameters           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Iduplex           duplex         Full duplex           Installation   Connection         M12 x 1           Device protection   Electrical         Restred, screwed           Poliution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Conc dip of fitting           Coating locking         Nickeled           Coating of fitting         nickel plated           Coating of fitting         Zinc die-casting           Material row onnection         Zinc die-casting           Material row onnection         Zinc die-casting           Material row onnectio	Operating voltage AC max.	50 V
Operating voltage AC (UL-listed)         30 V           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 oper contact max.         6 A           Industrial communication         Transfer parameters           CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.           Industrial communication   Ethernet functionality         duplex           Industrial communication   Ethernet functionality         duplex           Industrial communication   Ethernet functionality         duplex           Industrial connection         Full duplex           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting		50 V
Current operating per contact (UL)         3,3 A           Operating current per data contact max.         0,5 A           Operating current per ower contact max.         6 A           Industrial communication         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         Iduplex           Industrial communication   Ethernet functionality         Iduplex           Installation   Connection         Full duplex           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rate surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sinc die-casting		30 V
Operating current per data contact max.       0.5 Å         Operating current per power contact max.       6 Å         Industrial communication       E         Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       Industrial communication   Ethernet functionality         duplex       Full duplex         Installation   Connection       Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Instellation longree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating locking       Xinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Metchanical data   Mounting data       Korewed, Shaking protection         Metrial screw connection       Zinc die-casting	Operating voltage DC (UL-listed)	30 V
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         fustaliation   Connection       Full duplex         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Polucin Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Zinc die-casting         Coating locking       Nickeled         Coating locking       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection	Current operating per contact (UL)	3,3 A
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Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       Full duplex         duplex       Full duplex         Installation   Connection       Full duplex         Device protection   Electrical       M12 x 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       iserted, screwed, Shaking protection         Environmental characteristics   Climatic       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       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       I inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic	Industrial communication	
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)       1         Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Iserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
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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       V         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Inserted, screwed, Shaking protection	Industrial communication   Ethernet func	tionality
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       V         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Inserted, screwed, Shaking protection	duplex	Full duplex
Mounting set       M12 x 1         Device protection   Electrical       Inserted, screwed         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       Vickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Visceled		
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       Kkeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Sinested, screwed, Shaking protection         Environmental characteristics   Climatic       Locking protection	•	M12 x 1
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       I         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         Mounting method       inserted, screwed, Shaking protection	-	1012 & 1
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vertication	•	
Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Fervironmental characteristics   Climatic       Inserted, screwed, Shaking protection		
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Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection		
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vertex (State of the state of the sta	Mechanical data   Material data	
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic		
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic		
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic		
Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic	Mechanical data   Mounting data	
	Mounting method	inserted, screwed, Shaking protection
Operating temperature min25 °C	Environmental characteristics   Climatic	
	Operating temperature min.	-25 °C

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: 2024-05-21

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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	
•	
Cable identification	805
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around 1 Filler twisted 1
Amount stranding (type 2)	
Stranding (type 2)	4 wires around Stranding combination with Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Pair shielding (type)	copper braid, tinned
Banding Filler	Fleece, Foil
	yes
wire arrangement	black, brown, white, blue, (orange-white, green, orange, green-white)
Cable weigth	107,8 g/m
Material jacket	PUR
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
Traversing distance (C-track)	5 m
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

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Characteristic impedance	100 Ω ± 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
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 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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