

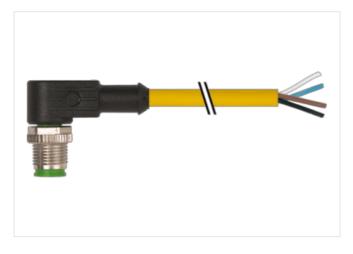
## M12 male 90° A-cod. with cable

TPE 4x22AWG ye UL/CSA. ITC/PLTC 7.5m

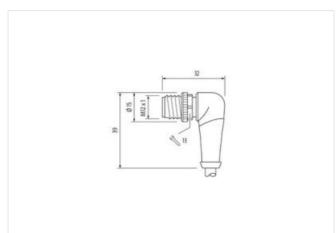
Male 90° M12, 4-pole USA Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

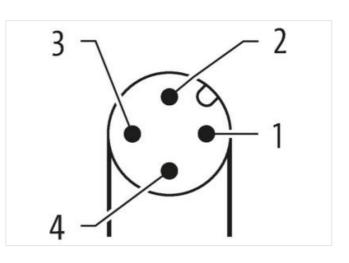
## Link to Product











Product may differ from Image



Cable length	7,5 m	
Side 1		
Tightening torque	0,6 Nm	

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

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ECLASS-12.0         27060311           ETIM-5.0         EC001865           customs tariff number         8544290           GTIN         404887750448           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         E           Stripping length (jacket)         20 mm           Degree of protection [Electrical         E           Degree of protection [Electrical         Enserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Zinc die-casting           Machanical data   Material data         Zinc die-casting           Material group (IEC 60664-1)         Inserted, scre	Mounting method	inserted, screwed	
substate for corrugated tube (internal 0)10 mmCable outletangledCable outletangledNo. of polos4No. of polos4With arcoss fatsSW13Side 2Singon (angle outlet)20 mmCommercial data27279218ECLASS-0.027279218ECLASS-7.027279218ECLASS-8.02729218ECLASS-8.02729218ECLASS-8.02729218ECLASS-8.027060311ECLASS-8.10.127060311ECLASS-10.227060311ECLASS-10.327060311ECLASS-10.427060311ECLASS-10.427060311ECLASS-10.5ECOL0555cuodoms tarlf number8544229Backango unt1Enertical cital [Suppiy250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC full.30 VOperating voltage AC (UL-Issed)30 VCuode Colose1Instruct AC (UL-I	Family construction form	M12	
Cable curlet         angled           Coding         A           No. of poles         4           With acces flats         SW13           Side 2            Side 4            Side 5         2           Side 6         2           Side 7         2           Commercial data         2           ECLASS 4.0         2           ECLASS 5.10.         2           ECLASS 5.11         2           ECLASS 5.0         ECON 655           customs laff number         854/4280           GTIN         404897702/48           Parkanging unit         1           Electical data [Supply            Operating voltage AC max.         250 V	Thread	M12 x 1	
Doding         A           No. of poles         4           Work access firsts         SW13           Side 2         SW14           Side 2         SW14           Commercial data         27279218           ECLASS-5.0         27279218           ECLASS-5.0         27279218           ECLASS-5.0         27279218           ECLASS-5.0         27279218           ECLASS-5.0         27290831           ECLASS-5.10         27690311           ECLASS-5.10         27690311           ECLASS-5.10         27060311           ECLASS-5.10         27090311           ECLASS-5.10         27090311           ECLASS-5.10         27090311           ECLASS-5.10         27000311 <t< td=""><td>suitable for corrugated tube (internal <math>Ø</math>)</td><td>10 mm</td></t<>	suitable for corrugated tube (internal $Ø$ )	10 mm	
No. of poles         4           Wath acrose flats         SW13           Side 2         Stripping length (jacket)         20 mm           Commercial data         2729218           ECILASS-6.0         2729218           ECILASS-7.0         2729218           ECILASS-8.0         2729031           ECILASS-8.0         27060311           ECILASS-10.1         27060311           ECILASS-12.0         27060311           ECILASS-12.0         27060311           ETIM-5.0         ECO01855           Database flat         ECILASS-12.0           Operating voltage AC max.         250 V           Operating voltage AC (LIL-listed)         30	Cable outlet	angled	
Widh across flats         SW13           Site 2	Coding	A	
Sipe 2           Sinping length (iackat)         20 mm           Commercial data         22729218           ECLASS 5.0         22729218           ECLASS 5.0         22729218           ECLASS 5.0         27060311           ECLASS 5.0.         27060311           ECLASS 5.10.         27060311           Deretaring voltage AC max.         290 V           Operating voltage AC (LListate)         30 V	No. of poles	4	
Shipping length (jacket)20 mmCommercial datsECLASS 5.027278/218ECLASS 5.027278/218ECLASS 5.027278/218ECLASS 5.027260/218ECLASS 5.027060/311ECLASS 5.127060/311ECLASS 5.227060/311ECLASS 5.227060/311ECLASS 5.227060/311ECLASS 5.227060/311ECLASS 5.227060/311ECLASS 5.227060/311Packaging unit56442/30COTIN404879750448Packaging unit4Electrical Cal ISUPDY250 VOperating voltage AC (UL-listed)30 VCollar Unit Voltage AC (UL-listed)30 VCollar Unit Voltage AC (UL-li	Width across flats	SW13	
Commercial data           ECLASS 6.0         27278218           ECLASS 7.0         27278218           ECLASS 7.0         27278218           ECLASS 7.0         27060311           ECLASS 7.0         2706031           ECLEAS 7.0         40483750448           Packaging unt         1           Dereting voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V	Side 2		
ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-8.0.1     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.1     27060311       ECLASS-14.2     27060311       ECLASS-15.2     27060311       ECLASS-17.0     ECO0185       Caloran furming     6200185       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Degreed protection (EN EC 60529)     IPES, IPE7, IPESK       Additional condition protection degree     isacreed, acrewed       Pollution Degree     3       Rated aurey vitage     25 KV	Stripping length (jacket)	20 mm	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tauff number         8544290           GTIM         404897950448           Packaging unit         1           Efectrical data   Supply            Operating voltage AC max.         250 V           Operating voltage DC max.         4 A           Installetiol Connection         30 V           Operating voltage DC max.         250 V           Operating voltage DC max.         2 N m           Bated auge voltage         2 N kV           Moltion a condition proteclion degree         <	Commercial data		
ECLASS-7.0         27278218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           cuatoms tatiff number         8544290           GTIN         404897750448           Packaging unit         1           Etectrical data   Supply         Deprating voltage DC max.           Operating voltage DC max.         250 V           Operating voltage DC max.         4 A           Installetion   Connection         30 V           Stripping length (tacket)         20 mm           Device protection   Electrical         Electrical           Base aveg voltage         2,5 kV           Mactid arong (to E 60664-1)	ECLASS-6.0	27279218	
ECLASS-8.0         2729218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.3         27060311           ECLASS-1.3         27060311           ECLASS-1.4         27060311           ECLASS-1.0         EC001855           causions tarif number         85444290           GTIN         4048879750448           Packaging unit         1           Electrical datal Supply         Electrical datal Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Current operating par contact max.         4 A           Installation I Connection         Electrical Decemption (Electrical D			
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs tariff number         85444290           GTIN         40487950448           Packaging unit         1           Electrical data [Supply         Deperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Instaliation   Connection         Ströping per contact max.           Ströping length (jacket)         20 mm           Device protection   Electrical         Device protection [Electrical           Degree of protection (EN IEC 66529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screewed           Polition Degree         3           Bated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inserted, screewed, Shaking protection           Enviromential charactistics [			
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404879750448           Packaging unit         1           Electrical data   Supply			
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs taiff number         85444290           GTIN         4048879750448           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Evere or portection [Electrical         Degree of protection [Electrical           Degree of protection [Electrical         Everewed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Sincelecasting           Mechanical data   Material data         Sincelecasting           Mounting method         inserted, screwed, Shaking protection           Environmethal characteristics   Climatic         28 °C           Operating imenymature min,			
ECLASS-12.0       27060311         ETIM-5.0       EC001855         oustoms tariff number       85444290         GTIM       4048879750448         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating log constat max.       4 A         Installation   Connection          Stripping length (jacket)       20 mm         Degree of protection   Electrical          Degree of protection (Electrical data   Surgev contage max)       4 A         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Machanizar data   Material data       Zinc die-casting         Mechanical data   Material data       Zinc die-casting         Mechanical data   Mounting data       .25 °C         Operating temperature min.       .25 °C         Operatin temperature max. <td></td> <td></td>			
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887950448           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (U-listed)         30 V           Operating length (jacket)         20 mm           Device protection   Electrical         Electrical           Degree of protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Zinc die-casting           Mounting method         inserted, screwed,			
customs tarilf number         85444290           GTIN         4048879750448           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Device protection [Electrical         20 mm           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         Zinc die-casting           Mechanical data   Material data         Zinc die-casting           Mechanical data   Mounting data         .45 °C           Operating temperature min.         .25 °C           Operating temperature min.         .25 °C           Operating temperature min.         .25 °C     <			
GTIN     4048879750448       Packaging unit     1       Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC max.     4 A       Installation   Connection     30 V       Stripping length (jacket)     20 mm       Degree of protection [Electrical     25 kV       Additional condition protection degree     3       Reated surge voltage     25			
Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         20 mm           Device protection   Electrical         20 mm           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating           Mounting method         inserted, screwed, Shaking protection           Mechanical data   Mounting data         Vickeled           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Vickeled           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature			
Operating voltage AC max.         250 V           Operating voltage AC (UI-listed)         30 V           Operating voltage AC (UI-listed)         30 V           Operating voltage AC (UI-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking           Coating locking         Nickeled           Locking material         Xarete, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating locking           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note characteristica locable lies.	Packaging unit	1	
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Device protection   Electrical     Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable mea	Electrical data   Supply		
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Device protection   Electrical         Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         Coating locking           Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Politating method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating locking           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti		250 V	
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Installation   Connection         20 mm           Device protection   Electrical         Performation   Connection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vecked           Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the permissible bending radii when laying cables, as the IP protection class can be			
Stripping length (jacket)     20 mm       Device protection   Electrical        Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating locking     Nickeled       Locking material     Zinc die-casting       Mechanical data   Mounting data        Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic        Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition meters     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.			
Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Vickeled, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         25 °C           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           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		20 mm	
Degree of protection (EN IEC 60529)       IP65, IP67, IP66K         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Vickeled         Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       Vickeled         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vickeled         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.			
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the permissible bending radii when laying cables, as the IP protection class can be		IP65 IP67 IP66K	
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         Ab °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 strain relief       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	- · · ·		
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.			
Material group (IEC 60664-1)       I         Mechanical data   Material data       Nickeled         Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.			
Mechanical data   Material data         Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radii wen laying cables, as the IP protection class can be       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be			
Coating locking       Nickeled         Locking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       45 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on pending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be			
Locking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	•	NEtholog	
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be			
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	Note on strain relief		
	Note on bending radius		

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Cable identification	U04
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	49,5 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	5,36 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,27 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
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
Electrical resistance line constant wire	46,9 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	00 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m

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