

M12 female 0° A-cod. with cable shielded

PUR 5x0.34 shielded bk UL/CSA+drag ch. 2m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

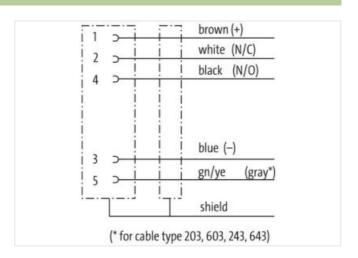
The resistance to aggressive media should be individually tested for your application. Further details on request.

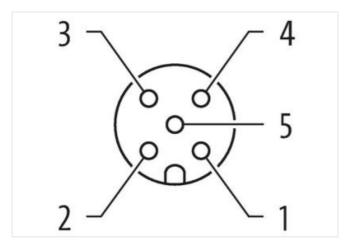
Further cable lengths on request.

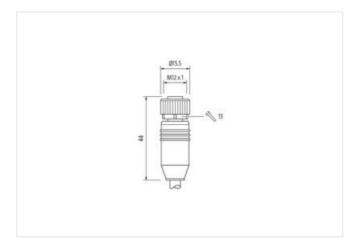
Link to Product

Illustration









Product may differ from Image













Cable length

2 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: 2024-05-02



stay connected

Family construction from M12 x	Mounting method	inserted, screwed
Tread Mil X I Coding A Material PUR Wich across files SW13 Degree of protection (EN ISC 00528) PG6, FROK, IP07 Stripping length (jacket) 20 mm Commercial data ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27090311 ECLASS 1.1 27090311 ECLASS 1.2.0 27090311 ECLASS 1.2.0 27090311 ECLASS 1.1 27090311 ECLASS 1.2.0 27090311 ECLASS 1.2.0 12001853 GTIN 4048879051540 Packaging unit 1 Electrical data [Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 40 V Operating voltage AC (UL-steet) 30 V Operating voltage AC (UL-steet) 30 V Operating voltage AC (UL-steet) 30 V Operating voltage AC (UL		
Cable Outlet shaight Octing A Material PUR With across flats SW13 Degree of proction (R IEC 60059) [P66, P67] Side 2 Stroping longth (tacket) Commercial Cata Commercial Cata ECLASS-8.0 2779218 ECLASS-8.0 2779218 ECLASS-8.0 2779218 ECLASS-9.0 2700311 ECLASS-9.0 2700311 ECLASS-9.0 2700311 ECLASS-1.1 2700311 ECLASS-1.2 2700311 ETM-5.0 ECLASS-1.0 ETM-5.1 2700311 ETM-5.2 ECLASS-1.0 ETM-6.0 ECLASS-1.0 ETM-6.0 ECLASS-1.0 ETM-6.0 ECLASS-1.0 ETM-6.1 ECLASS-1.0 ETM-6.2 ECCHASS-1.0 ETM-6.3 ECLASS-1.0 ETM-6.9 ECLASS-1.0 ETM-6.9 ECLASS-1.0 ETM-6.9 ECLASS-1.0 ETM-6.9 ECLASS-1.0		
Ceding A Meaterial PUR Meaterial SW13 Degree of protection (EN IEC 60529) PBSE, IP68K, IP67 Stripping length (jacker) 20 mm Commercial data ECLASS-R.0 27279218 ECLASS-R.0 27279218 ECLASS-R.0 27279218 ECLASS-R.0 27060311 ECLASS-R.0 27060311 ECLASS-R.1.1 27060311 ECLASS-R.1.2 27060311 ECLASS-R.1.3 27060311 ECLASS-R.1.4 27060311 ECLASS-R.1.9 27060311 ECLASS-R.2.0 27060311 ECLASS-R.1.1 27060311 ECLASS-R.2.0 2707040311		
Meterial PUR With across flats SW13 Danger of proteion (EN IEC 00529) IP65, IP66K, IP67 Side 2 Stripping length (lacket) 20 mm Commercial data ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060911 ECLASS-9.0 404879591546 Politicologia (politicola tail (politicola tail (politicola tail (politicola tail (politicola tail		-
With across fals SW13 Degree of protection (EN IEC 60529) IPS6, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Commercial data ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27080311 ECLASS-9.1 27080311 ECLASS-1.1 27080311 ECLASS-1.2 27000311 ECLASS-1.2 27000311 ECLASS-1.2 27000311 ECLASS-1.2 27000311 ECLASS-1.0 ECONESS ECLASS-1.0 ECONESS ECLASS-1.1 27000311 ECLASS-1.2 27000311 ECLASS-1.0 ECONESS		
Degree of protection (EN IEC 68529) IP65, IP66K, IP67 Side 2 Side 2 Side (Commercial date) ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs staff number 85444290 GTIN 404879591546 Packaging und 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (VL-Hestor) 30 V Current operating per contact max. 4 A Installation Connection Mark x 1 Stipping length (jackel) 20 mm Mounting set 4 A Installation		
Side 2 Stroping langth (lacked) 20 mm Commercial data ECLASS-0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27000311 ECLASS-9.0 27000311 ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27090311 ECLASS-13.1 27060311 ECLASS-14.0 27090311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27090311 ECLASS-13.1 27060311 ECLASS-14.0 27090311 ECLASS-17.1 27060311 ECLASS-18.0 27090311 ECLASS-19.0 27090311 ECLASS-19.0 27090311 ECLASS-19.0 27000311 ECLASS-19.0 27000311 ECLASS-19.0 27000311 ECLASS-19.0 27000311 ECLASS-19.0 27000311 Electrical data I Supply 27000000000000000000000000000000000000		
Stripping length (sacket) 20 mm		IP65, IP66K, IP67
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ETM-5.0 ECOM 855 customs staff rumber 85444290 GIN 40488795146 Packaging unit 1 Electrical data Suppty 5 Electrical data Suppty 5 Perating voltage AC max. 60 V Operating voltage AC (IL-listed) 30 V Operating voltage AC (IL-listed) 15 In I	Side 2	
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 Loustoms traff number 65444290 OTIM 4048879591546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC QLI-listed. 30 V Operating percolated max. 4 A Eviliage perceptation [Electrical Actain Condition protection Electrical Condition Deprose (actain Condition protection Electrical Condition protection Electrical Con	Stripping length (jacket)	20 mm
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 12060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 2707031 ECLASS-12.0 120704 ECLASS-12.0 2707031 ECLASS-12.0 270704 ECLASS-12.0 270704 ECLASS-12.0 270704 ECLASC-12.1 270704 <td>Commercial data</td> <td></td>	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 1001855 customs tariff rumber 85444290 GTIN 404887991546 Packaging unit 1 Electrical data Suppty Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Stripping length (jacket) 20 mm Browning set M12 x 1 Gender female Device protection Electrical Additional condition protection degree insertd, screwed Pollution Dagge 3 Rated surge voltage 1,5 kV Material gro	ECLASS-6.0	27279218
ECLASS 9.0 27060311 ECLASS 9.0.1 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879591546 Packaging unit 1 Electrical data Supply Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection 30 V Current operating per contact max. 4 A Installation Connection 80 mm Mounting set MIZ x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group Ec 60644-1) 1 Mechanical data Material data Conti	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404807591546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group	ECLASS-8.0	27279218
ECLASS-11.11 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001655 customs tarilf number 85444290 GTIN 4048879591546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating per contact max. 4 A Installation Connection Stripping langth (jacket) 20 mm Mounting set M12 x 1 Gender female Polition Degree 3 3 Additional condition protection degree inserted, screwed Polition Degree 3 Meterial group (EC 60664-1) 1 Mechanical data Contant jocking without Mechanical data [Material data Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data [Mounting data	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff rumber 85444290 GTIN 4048879591546 Packaging unit 1 Electrical data Suphy 0 Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Strippin length (jacket) Strippin length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Mickeled Contour for corrugated hose without Mechanical data Material data Zinc die-casting Mechanical data Material data Zinc die-casting Mechanical data	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879591546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Installation Connection Stripping length (facket) 20 mm Mounting set M12 x 1 Gender lenale Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Videous mickel plated Contur for corrugated hose without Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material grow connection	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879591546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage M12 x 1 Mechanical data Material data Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic	ECLASS-12.0	27060311
GTIN 404879991546 Packajing unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage M2 (Hacket) 1 Mechanical data Material data Coating of fitting nickel plated Additional condition fitting nickel plated Mechanical data Material data Material screw connection Zinc die-casting Methanical data Mounting data Munning method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage AC (UL-listed) 1,5 kV Material group (IEC 60664-1) I Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc dis-casting Material screw connection Zinc dis-casting Mechanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Coperating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature mange depending on cable quality	customs tariff number	85444290
Pectrical data Supply	GTIN	4048879591546
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Environmental temperature max. 85 °C Additional condition temperature range depending on cable quality	Packaging unit	1
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Mounting data Contour for corrugated hose without Mechanical data Material data Coating ocking Nickeled Coating ocking 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 Environmental characteristics Climatic Environmental temperature max. 85 °C Additional condition temperature range depending on cable quality	Electrical data Supply	
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Mounting data Contour for corrugated hose without Mechanical data Material data Coating ocking Nickeled Coating ocking 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 Environmental characteristics Climatic Environmental temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating voltage AC max.	60 V
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IBC 60684-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material zire die-casting Mechanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range		30 V
Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material 2 izne die-casting Material screw connection izne die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		30 V
Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Current operating per contact max.	4 A
Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		
Mounting set M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Stripping length (jacket)	20 mm
Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		M12 x 1
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material Atterial screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		female
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material Atterial screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	•	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		
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 Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		۷۸ ن. ا
Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		<u> </u>
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 Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		
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 Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Contour for corrugated hose	without
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 Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	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 Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Coating locking	Nickeled
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Coating of fitting	nickel plated
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality		85 °C
		depending on cable quality

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: 2024-05-02



stay connected

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	643
Cable Type	3
Jacket Color	black
	cURus
Type of Certificate	
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	57,2 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)	5,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
the state of the s	

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: 2024-05-02



No. of bending cycles (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m