

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 7.5m

M12, 5-pole Female straight shielded

with cable sleeves

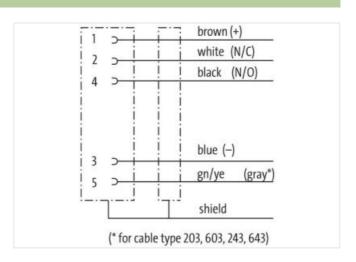
Plastic housings with good resistance against chemicals and oils.

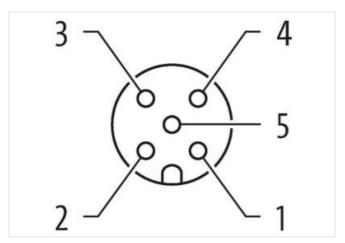
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

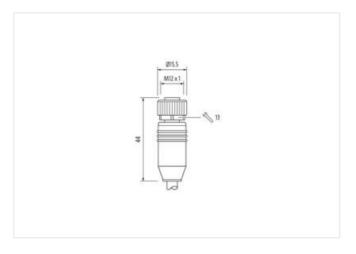
Link to Product

Illustration









Product may differ from Image













Cable length

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: 2024-05-16



stay connected

Family construction form M12 Trinead M13 Trinead M14 Trinead M15 Trinead M16 A Makerial PUR PUR PUR PUR PUR PUR PUR PU	Mounting method	inserted, screwed
Tread		
Code of the Code		
Decision Pure Pur		
Meered PUR Wirdin across Teats SW13 Segree of protection (EN IEC 80529) IP55, IP66K, IP67 Side 2 PSEPping lumpth (judekly) 20 mm Commercial data Commercial data ECLASS 6.0 27278218 ECLASS 7.0 27278218 ECLASS 8.0 27278218 ECLASS 8.0 2706311 ECLASS 9.1 2706311 ECLASS 1.1 2706311 ECLASS 1.2.0 27078		-
Width across flate SW13 Degree of procesion (EN ICC 60529) IPBS, IPG6K, IPS7 Stripping length (jacker) 20 mm Commercial date ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27290311 ECLASS 9.1 27080311 ECLASS 1.1 27080311 ECLASS 1.2.0 27080311 <td></td> <td></td>		
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Sible 2 Sible 2 Sible 3 Sible 3 Sible 40 Sible 3 Stripping length (jacker) 20 mm Commercial data Commercial data ECLASS 7.0 27279218 ECLASS 8.0 27900311 ECLASS 1.1 27000311 ECLASS 1.2.1 27000311 ECLASS 1.2.0 27000311 ECLASS 1.2.1 27000311 ECLASS 1.2.0 27000311 ECLASS 1.2.1 27000311 ECLASS 1.2.0 27000311 ECLASS 1.2.1 27000311 ECLASS 1.2.1 27000311 ECLASS 1.2.2 27000311		
Side 2 Stripping legingh (jacken) 20 mm Commercial data Commercial data ECLASS-0.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 2706031 Eccarca Call 270706031 Eccarca Call 270706031 <td></td> <td></td>		
Stripping langth (lackval)		IP65, IP66K, IP67
Commercial data ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-8.0 27050311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 sustons sarff number 85444290 GTIN 4048879658027 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 60 V Operating voltage AC (max. 60 V Operating voltage AC (U-lised) 30 V Gender Mackage (U-lised) Operating temperate (I	Side 2	
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0.1 27000311 ECLASS-10.1 27000311 ECLASS-11.1 27000311 ECLASS-12.0 27000311 ECLASS-13.0 EC01855 sustoms farif number 85444290 OTTN 4048879658027 Packaging unit 1 Electrical datal Suppty Operating voltage AC max. 60 V Operating voltage AC (U-listed) 30 V Operating voltage DC (U-listed) 30 V Operating voltage DC (U-listed) 30 V Operating softing pc contact max. 4 A Installation [Connection Simpling length (isckel) Simpling length (isckel) 20 mm Mounting sot M12 x 1 Gender female Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 1,5 kV Additional for protection degree without Contact of tax	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-11.1 27060311 ETM-5.0 ECDASS-11.1 27060311 ETM-5.0 ECDASS-11.1 27060311 ETM-5.0 ECDASS-12.0 27060311 ELECTICAL STAIN 4048879589027 Packaging unit 1.1 ELECTICAL STAIN 4048879589027 Packaging unit 2.1 ELECTICAL STAIN 4048879589027 Packaging unit 3.0 ELECTICAL STAIN 4048879589027 Packaging unit 4.1 ELECTICAL STAIN 4048879589027 Packaging unit 5.0 ELECTICAL STAIN 4048879589027 Packaging unit 6.0 ELECTICAL STAIN 4048879589027 Packaging unit 7.0 ELECTICAL STAIN 4048879589027 Packaging unit 8.0 ELECTICAL STAIN 4048879589027 BO V Corrent operating voltage AC (UL-Listed) 30 V Corrent operating per contact max. 4 A Installation Cornection Stripping length (jacket) 30 V Corrent operating per contact max. 4 A Installation Cornection Stripping length (jacket) 30 V Corrent operating per contact max. 4 A Installation Cornection Stripping length (jacket) 30 V Corrent operating per contact max. 4 A Installation Cornection Stripping length (jacket) 30 V Corrent operating per contact max. 4 A Installation Cornection Stripping length (jacket) 30 V Corrent operating per contact max. 4 A Backetion Stripping length (jacket) 30 V Corrent operating per contact max. 4 A Installation Cornection Electrical Acta	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ELECTIM-5 5 EC01855 austoms tariff rumber 85444290 GTITN 4048878658027 Parakaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage Insertical Screwed Inserted, screwed Inserted, screwed Inserted Screwed Insert	ECLASS-6.0	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27080311 ECLASS-12.0 27080311 ECLASS-12.0 ECO01855 ECLASS-12.0 ECO01855 ECLASS-12.0 ECO01855 ECLASS-12.0 ECCO01855 ECLASS-12.0 ECCO0185 ECLASS-12.0 ECCO01855 ECLASS-12.0 ECCO01855 ECLASS-12.0 ECCO0185 ECLASS-12.0 ECCO01855 ECLASS-12.0 ECCO01855 ECLASS-12.0 ECCO0185 ECLASS-12.0 ECCO01855 ECCASS-12.0 ECCO01855 ECCASS-12.0 EC	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 uustoms tariff number 85444290 GTIN 404887658027 Packaging unit 1 Electrical data Suppty Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 40 V Operating voltage AC (U	ECLASS-8.0	27279218
EGLASS-1.1.1 27060311 EGLASS-12.0 27060311 EGLASS-12.0 27060311 ETIMI-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879658027 Packaging unit 1 Electrical data Suppty Operating voltage AC max. Operating voltage DC max. 60 V Operating voltage DC WL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage pcr contact max. 4 A Installation Connection Installation Connection Stripping length (facket) Browlee protection Electrical M12 x 1 Gender female Polivice protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Raled surge voltage 1,5 kV Material group (IEC 6068-1) I Mechanical data Conting of fitting nickel plated Locking affected zinc die-casting <	ECLASS-9.0	27060311
ECILAS-12.0 27060311 ETIM-5.0 EC001855 usustoms tarif number 85444290 GTIN 4046879658027 Packaging unit 1 Electrical data Supply Usustoms tarifundo produced portal control of the produced pro	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879658027 Packaging unit 1 Electrical data Supply Voperating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A Installation Connection 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 I Control for corrugated hose without Mechanical data Meterial data I Coating folking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Meterial screw connection zinc die-casting	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879658027 Packaging put 1 Electrical data Supply 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 V Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female Pevice protection Electrical Additional condition prectrical Additional condition prectrical Material group (IEC 60664-1) 1 Mechanical data without Mechanical data without Contain jocking Nickeled Coating locking Nickeled Coating of fitting inckel plated Locking material Zinc die-casting Mechanical data Mounting data Mickel die-casting Mechanical data Mounting data Ac 5° C Operating temperature min. -25° C Operat	ECLASS-12.0	27060311
GTIN 4048879658027 Packaign 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 (UL-listed) 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 Mochanical data Material data Contour for corrugated hose without Mechanical data Material data Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 46 °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 (IUL-listed) 30 V Operating voltage DC (IUL-listed) 30 V Operating voltage DC (IUL-listed) 30 V Operating voltage PC (IUL-listed) 30 V Operating voltage PC (IUL-listed) 30 V Operating voltage PC (IUL-listed) 30 V Our operating per contact max. 4 A Installation Connection Stripping length (jackel) 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 60684-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking nickel plated Locking material in inserted, screwed, Shaking protection Mechanical data Munting data Mechanic	customs tariff number	85444290
Electrical data Supply 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 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) 1 Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Coating of fitting nickel plated Locking material 2 inc die-casting Material screw connection 2 incerted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deperating temperature mix. 25 °C Operating temperature max. 46 V Mounting condition temperature range depending on cable quality	GTIN	4048879658027
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Ourrent operating per contact max. 4 A Installation Connection V 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 Without Control or corrugated hose without Mechanical data Material data Without Coating of litting nickel plated Locking material Zinc die-casting Meterial screw connection Zinc die-casting Meterial screw connection Zinc die-casting Meterial growth of the plated Without the plated Locking material Sincerted, screwed, Shaking protection Environmental characteristics Climatic 25 °C Operat	Packaging unit	1
Operating voltage DC 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 V 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) 1 Mechanical data Virtual of the control of corrugated hose without Mechanical data Material data Vickeled Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Virtual of the control of the plated of the control	Electrical data Supply	
Operating voltage DC 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 V 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) 1 Mechanical data Virtual of the control of corrugated hose without Mechanical data Material data Vickeled Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Virtual of the control of the plated of the control	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 lemale 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 Methanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Locking temperature min. 25 °C 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 temale 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 of fitting nickel plated Locking material Zinc die-casting Material growe connection zinc die-casting Mechanical data Mounting data Methanical data	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 1,5 kV Meterial group (IEC 60664-1) 1 Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting 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		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 Contour for corrugated hose without Mechanical data Material data Coating locking inserted in sickel plated Locking material cornection included inserted inserted, screwed, shaking protection Mechanical data Material data Coating locking inserted, screwed, shaking protection Mechanical data Material data Coating locking inserted, screwed, Shaking protection Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. 45 °C Operating temperature max. 45 °C Additional condition temperature range depending on cable quality		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 Locking material Methanical data Mounting data Mechanical data Mounting data 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 Locking material Methanical data Mounting data Mechanical data Mounting data 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 Screw connection 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		
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 inchesive connection inchesive connection inserted, screwed, Shaking protection 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	Gender	
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 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	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 locking 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 Additional condition temperature range depending on cable quality	•	
Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material Locking material Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Additional condition temperature range depending on cable quality		
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		1,5 KV
Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection 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 Locking material Activity of fitting Zinc die-casting Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range depending on cable quality	Mechanical data	
Coating locking Coating of fitting nickel plated Locking material Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 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 Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 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. -25 °C 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	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	602
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
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, green-yellow
Cable weigth	68,2 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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)	10 x Outer diameter