

M12 male 0° A-cod. with cable shielded

PVC 4x0.34 shielded gy 7.5m

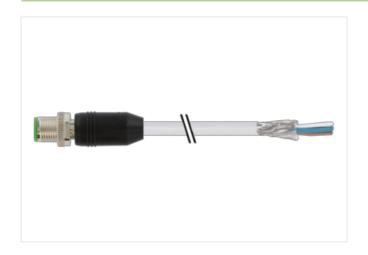
Male straight M12, 4-pole A-coded shielded

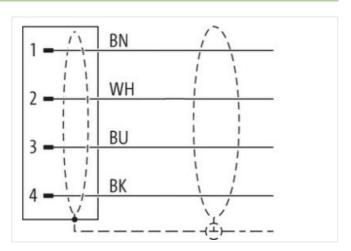
Plastic housings with good resistance against chemicals and oils.

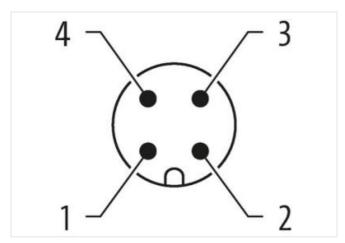
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

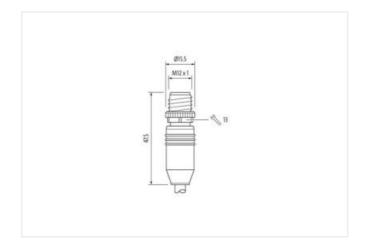
Link to Product

Illustration









Product may differ from Image









Cable length

7,5 m

Side 1

Tightening torque 0,

0,6 Nm



stay connected

Coating contact gold plated Family construction form M12 Thread M12 x1 Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Sityping length (jacket) Coating contact Coating contact <tr< th=""><th>Mounting method</th><th>inserted, screwed</th></tr<>	Mounting method	inserted, screwed
Family construction from M12 Threaded M12 x 1 Coding A Material context Coper alloy Material PUR No. of poles 4 With an arms statis SW13 Degree of protection (EN IEC 60529) IPES, IPEBK, IPEF Side 2 WITH ADDRESS (IPEF) Side 3 WITH ADDRESS (IPEF) Colling contact 20 mm Colling contact 20 mm Collage AD 272 708 18 COLASS AD 270 708 11 COLASS AD 270 708 11 COLASS AD 270 708 12		
Tread M2 x 1 Coding A Malarial contact Cooper alloy Malarial PUR No. of polise 4 With across flats SW13 Degree of protection (IN IEC 60529) 1P56, IP6K, IP67 Side 2 Stroppin gength (jacket) 20 mm Conting contact gold plated Contage contact ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1.1 40484792015 EVENTACIONAL SARRALIA 404847792015 Packagging unit		
Coding A Material contact Copper alloy Material contact Copper alloy No. of poles 4 Widh across stats SWI3 Degree of protection (EN IEC 60589) IP65, IP66K, IP67 Side 2 SIDE COMMENTAL STATE		
Material command Copper alloy Material (Most of Most of Material (Most of Most of Most of Material (Most of Most o		
Material PUR No. of poles 4 Winth across fats SW13 Degree of protection (EN EC 60529) PBS, IP6K, IP67 Stripping length (jacket) 20 mm Coating contact god plated Commercial date Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.1 27000311 ECLASS-1.1 27000311 ECLASS-1.2 27000311 ECLASS-1.2.0 2000185 ECLASS-1.1 27000311 ECLASS-1.2.0 2006031 ETIM-5.0 ECO01855 COLASS-1.1 448878201315 Packagang unit 1 Electrical data Supply V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 4 A Disposition M1x 1 Disposition formedion M1x 1 Distatisfation (Comection <td></td> <td></td>		
No. of poles 4 Worth accoss falsa SW13 Degree of protection (FN IEC 60529) PP65, IP66K, IP67 Side 2 SW19ping length (jackel) 20 mm Containg contact god plated Contage contact 20 diplated ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-9.1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27000311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27000311 EVEX.1.1 27060311 EVEX.1.2.1 1 Evex.1.2.1 27000311 Evex.1.2.1 </td <td></td> <td></td>		
Width across flats SW13 Dagree of protection (ENIEC 60529) PPS, IPGK, IPG7 Side 2 Stripping length (jackot) 20 mm Coating contact gold plated Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 Packaging wint 1 Packaging wint 1 Packaging wint 1 Package wint 4 Package wint 4 Packaging wint 4 Pac		
Sibe 2 Stripping length (lacket) 20 mm Counting contact gold plated Commercial date 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27690311 ECLASS 9.0 27660311 ECLASS 9.1.1 27060311 ECLASS 9.2 27660311 ECLASS 9.0 27660311	Width across flats	SW13
Stripping length (jacket) 20 mm Coaling contact gold plated Commercial date Commercial december 1 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.3 ECOMPRISTOR Outsins tariff number 85444290 GTIN 4048879201315 Peckaging unt 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating por contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Status indication Lenguage Stripping length (jacket) 20 mm Mounting pet woltage 1,5 kV Material survey voltage 1,5	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Conting contact gold pileted Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27760811 ECLASS-9.0 27060811 ECLASS-10.1 27060911 ECLASS-12.0 27060911 Electrical data Suppty 27060911 Operating length quoting or contact max. 40 Device protection Electrical 40	Side 2	
Conting contact gold pileted Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27760811 ECLASS-9.0 27060811 ECLASS-10.1 27060911 ECLASS-12.0 27060911 Electrical data Suppty 27060911 Operating length quoting or contact max. 40 Device protection Electrical 40	Stripping length (jacket)	20 mm
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC031855 oustoms staff number 85444290 GTIN 404887201315 Packaging unit 1 Electrical data Suphy		gold plated
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27669311 ECLASS-10.1 27669311 ECLASS-11.1 27669311 ECLASS-12.0 27669311 ECLASS-12.0 27669311 ECLASS-12.0 ECRISES customs tariff number 85444290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Institution [Connection Stitus indication ED Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Inserted, screwed Pollution Dagger 1,5 kV Material group (EC 60664-1)		
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff unriber 85444290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply University operating voltage AC max. Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating uporating per contact max. 4 A Diagnostics Status indication LED no Institution (Connection Stripping length (jacket) 20 mm Multiput (jacket) 20 mm Additional condition protection degree 3 s Polition Degree 3 s Rated surge voltage 1,5 kV Machanical data Mounting data <t< td=""><td></td><td>27270210</td></t<>		27270210
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4048079201315 Packaging unit 1 Electrical data Supply V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating oper contact max. 4 A Diagnostics Status indication LED Stitus indication Connection V Stitus indication Ecentrical M12 x 1 Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Vickeled Coating locking Nickeled Coating locking Nickeled de-casting		
ECLASS 8.0 27279218 ECLASS 9.0 27660311 ECLASS 10.1 27660311 ECLASS 11.1 27660311 ECLASS 12.0 27660311 ETIM-5.0 EC001855 customs faiff number 85444290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply 1 Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (Ec 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated		
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (teC 60684-1) 1 Mechanical data Material data Vickeled Coating locking Nickeled Coating of fitting nickel plated		
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404879201315 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional protection degree inserted, screwed Politation Degree 3 Attendage (GC 6664-1) 1 Mechanical data Material data Coating olicing (Mickel plated) Coating olicing (Mickel plated) Coating (Macerial data		
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage PC max. 60 V Operating port contact max. 4 A Diagnostics Status indication LED Status indication Connection Installation Connection Stipping length (facket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted		
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply Userating voltage AC max. Operating voltage PC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material Material data Coating oloking Nickeled Coating of lifting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection	ECLASS-11.1	
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Poliution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) 1 Mechanical data Material data Vickeled Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material sorew connection Zinc die-casting Material sorew connection inserted, screwed, Shaking protection Environmental characteristics Climati		
customs tariff number 85444290 GTIN 4048879201315 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Inserted, screwed, Shaking protection Environmental characte		
Packaging unit 1		
Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 Material data Coating locking nickel plated Locking material 2inc die-casting Material screw connection 2inc dei-casting Mechanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C		4048879201315
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 Material data Coating locking nickel plated Locking material Locking material Methanical data Mounting data Mounting method inserted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. 25 °C Operating temperature max. 85 °C	Packaging unit	1
Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 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 Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature max. 85 °C	Electrical data Supply	
Current operating per contact max. Piagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 Material data Coating locking Nickeled Cooting 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	Operating voltage AC max.	60 V
Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 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	Operating voltage DC max.	60 V
Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 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	Current operating per contact max.	4 A
Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 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 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	Diagnostics	
Stripping length (jacket) 20 mm Mounting set M12 x 1 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 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	Status indication LED	no
Mounting set M12 x 1 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 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	Installation Connection	
Mounting set M12 x 1 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 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	Stripping length (jacket)	20 mm
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Mounting set	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C		inserted, screwed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C		
Material group (IEC 60664-1) 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.		
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		
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	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	Coating locking	Nickeled
Material screw connection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	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	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Mechanical data Mounting data	
Operating temperature min25 °C Operating temperature max. 85 °C	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C	Environmental characteristics Climati	С
	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

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: 2024-05-04



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	
	220
Cable identification	330
lacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Stranding factor min.	74 mm
Stranding factor max.	74 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
vire arrangement	brown, black, blue, white
Cable weigth	53,9 g/m
Material jacket	PVC
Shore hardness jacket	85 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 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)	70 °C
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
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter