

M12 female 90° A-cod. with cable LED

PUR 4x0.34 bk UL/CSA+robot+drag ch. 25m

Female 90° Zinc die casting, save-cover coated M12, 4-pole 3× LED (PNP)

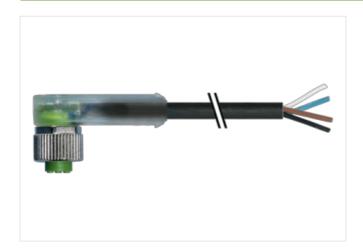
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

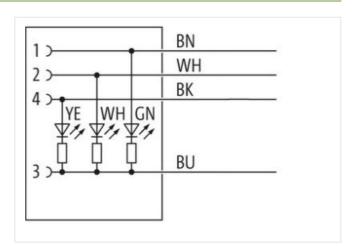
Plastic housings with good resistance against chemicals and oils.

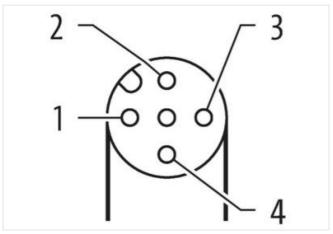
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

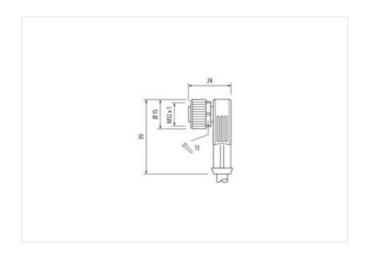
Link to Product

Illustration









Product may differ from Image











Cable length

25 m

Side 1



stay connected

Family construction form M12 Thread M12 x 1 suitable for compagied tube (internal 0) 10 mm Coding A Material PUR With accoss flats SW13 Degree of protection (ENIEC 60528) P956, 1967, 1967 Commercial data EQUASS-0 2779218 EGLASS-6 0 2779218 EGLASS-7 2779218 EGLASS-7 2779218 EGLASS-8 0 2779218 EGLASS-1 1 2779218 EGLASS-1 2779218	Tightening torque	0,6 Nm		
Family construction form M12 × 1 suitable for corrugated tube (internal O) 10 mm Coding A	Mounting method	inserted, screwed		
Subtable for corrugated tube (internal O) 10 mm Coding A Matterial PUR Width across flats SW13 Degree of protection (EKE 65529) IP55, IP66K. IP67 Commercial data ECLASS 8.0 2779218 ECLASS 8.1 2729218 ECLASS 7.0 2729218 ECLASS 9.0 2779218 ECLASS 9.0 2779218 ECLASS 9.0 2779218 ECLASS 9.0 2709311 ECLASS 9.0 2709311 ECLASS 9.0 2709311 ECLASS 9.0 2700311 ECLASS 1.1 2700311 ECLASS 1.0 2700311 ECLASS 1.0 2700311 ECLASS 1.0 2700311 ECLASS 1.0 4048879551267 ECLASS 1.0 4000315 ECLASS 1.0 40	Family construction form	M12		
Coding A Matterial PUR Width across fists SW13 Degree of protection (EN IEC 80520) IPSE, IPSEK, IPST Commercial data EGLASS-6.0 27279218 EGLASS-6.1 27279218 EGLASS-7.0 27279218 EGLASS-8.0 27000311 EGLASS-9.0 2700311 EGLASS-1.1 2706311 EGLASS-1.2.0 2766311 EGLASS-12.0 2766311 ETIM-5.0 EC01856 customs suff number 8544230 GTIN 404879551267 Packaging unit 1 Electrical data Supply Operating voltage DC mix. 1 Operating voltage DC mix. 18 Y Operating voltage DC mix. 4 A Diagnostics 30 Y Operating voltage pc context max. 4 A Diagnostics 30 Y Operating voltage pc to precion degree inserted, screwed Pollution Equation Section	Thread	M12 x 1		
Metterial PUR Width across fists SW13 Degree of protection (ENIEC 60529) IP65, IP66K, IP67 Commercial data PUR ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2.0 27070315 Exercise of the start start number 1 Departation protection of the start st	suitable for corrugated tube (internal Ø)	10 mm		
Width across flats SW13 Degree of protection (EN IEC 60529) P65, IP66K, IP67 Commercial date P65, IP66K, IP67 ECLASS-6.0 27279218 ECLASS-6.1 22779218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO01855 countons lariff number 85444290 GTN 408879551267 Packaging unit 1 Electrical data Supply Operating voltage DC mox. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Diagnosition M12 x 1 Description protection Electrical max. 4 A Additional condition protection degree inserted, screwed Pollution protection Electrical s	Coding	A		
Degree of protection (EN IEC 60523) IP65. IP66K, IP67 Commercial data ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 2770218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.3 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.3 27060311 ECLASS-1.1 47060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 47060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2 24 V Operating voltage DC max. 30 V Operating voltage DC max. 40 V Operating voltage	Material	PUR		
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27796311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27070311 Packaging unit 1 Bectrical data Supply <t< td=""><td>Width across flats</td><td>SW13</td></t<>	Width across flats	SW13		
ECLASS-6.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 EVELTAL TABLES AND TABLES	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67		
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 2706031 EVERTICAS-1.1 2706031 EVERTICAS-1	Commercial data			
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETM-5.0 ECO1855 CLASS-10.1 404887951267 Falkagin unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Ourrent operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree 3 Raide suge voltage 0,8 kV Additional condition protection degree 3 Raide suge voltage 0,8 kV Material group (IEC 60684-1) 1 Mechanical data Material data Calling looking safe-cover coated Coating of fitting nickel plated Locking material screw connection 2 Inc die-casting Meterial screw connection 3 Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 8 85 °C Operating temperature max. 4 85 °C Operating temperature max. 8 85 °C	ECLASS-6.0	27279218		
ECLASS-8.0 27279218 ECLASS-9.0 27660311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-17.0 ECOINST customs tariff number 85444290 GTIN 4048879551267 Packaging unit 1 Electrical data Supply Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. (UL-listed) 30 V University operating per contact max. 4 A University operating per contact max. 4 A University operating per contact max. 4 A University operation Electrical Additional contition protection degree Installation Power per contact max. Additional contition protection degree Installation Power per contact max. Additional contition protection	ECLASS-6.1	27279218		
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 4048879551267 Packaging unit 1 Electrical data Supply Voerating voltage DC Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication Connection Mounting set Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60064-1) I Mechanical data Material data Zinc die-casting Material server connection Zinc die-casting Material server connection Zinc die-casting Mechanical data Moun	ECLASS-7.0	27279218		
ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 oustoms tariff number 85444290 GTIN 4048879551267 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. MA Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set MX12 t Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Retest surge voltage 0,8 kV Material group (EC 60664-1) 1 Mechanical data Material data<	ECLASS-8.0	27279218		
ECLASS-1.1.1 27060311 ECLASS-12.0 27060311 ETIMI-5.0 ECOINSES customs tariff number 854444290 GTIN 4048879551267 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating portage DC max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (EC 60664-1) 1 Mechanical data Material data <td>ECLASS-9.0</td> <td>27060311</td>	ECLASS-9.0	27060311		
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879551267 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data <td <="" colspan="2" td=""><td>ECLASS-10.1</td><td>27060311</td></td>	<td>ECLASS-10.1</td> <td>27060311</td>		ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879551267 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED green, white, yellow Installation Connection Munuting set Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 3 Riv Material group (IEC 60664-1) 1 Mechanical data Material data Value of the casting Mechanical data Material data Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Munuting method Mechanical data Mounting data S° C	ECLASS-11.1	27060311		
customs tariff number 85444290 GTIN 4048879551267 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking safe-cover coated Coating af ritting nickel plated Locking material Zinc die-casting Material serve connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating te	ECLASS-12.0	27060311		
GTIN 404879551267 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Current operating voltage DC max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Material group (IEC 60664-1) I Mechanical data Material data Coating of lifting nickel plated Locking material Zinc die-casting Material screw connection Xinc plated Locking material Abounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	ETIM-5.0	EC001855		
Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Outper to operating per contact max. 4 A Diagnostics Very Common to perating per contact max. Status indication LED green, white, yellow Installation Connection M12 X 1 Device protection Electrical M2 X Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Meterial data I Coating locking safe-cover coated Coating of litting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection <td>customs tariff number</td> <td>85444290</td>	customs tariff number	85444290		
Electrical data Supply Operating voltage DC min. 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating poltage pC max. 4 A Current operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Sefe-cover coated Coating locking side-cover coated Coating of fiting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Xinc die-casting Mechanical method iniserted, screwed, Shaking protection Environmental characteristics Climatic 25 °C Operating temperature min. 25 °C Operating temperature may.	GTIN	4048879551267		
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree 3 Rated surge voltage 3,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking safe-cover coated Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting method Menting 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 <td>Packaging unit</td> <td>1</td>	Packaging unit	1		
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) I Mechanical data Material data Coating locking safe-cover coated Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc de-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 Important installation notes	Electrical data Supply			
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) I Mechanical data Material data Coating locking safe-cover coated Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc de-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 Important installation notes	Operating voltage DC	24 V		
Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Poliution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking inchecing inchecking inchecki		18 V		
Current operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) I Mechanical data Material data Coating locking inickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection inickel plated Locking material Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic	Operating voltage DC max.	30 V		
Current operating per contact max. 4 A Diagnostics Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) I Mechanical data Material data Coating locking inickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection inickel plated Locking material Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic	Operating voltage DC max. (UL-listed)	30 V		
Status indication LED green, white, yellow Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Current operating per contact max.	4 A		
Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Diagnostics			
Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated 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 Departing temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Inserted, screwed, Shaking protection	Status indication LED	green, white, yellow		
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Installation Connection			
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Mounting set	M12 x 1		
Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Device protection Electrical			
Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Additional condition protection degree	inserted, screwed		
Material group (IEC 60664-1) Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Pollution Degree	3		
Material group (IEC 60664-1) Mechanical data Material data Coating locking safe-cover coated 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 Important installation notes	Rated surge voltage	0,8 kV		
Coating locking safe-cover coated 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 Important installation notes	Material group (IEC 60664-1)	T.		
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 Important installation notes	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 Important installation notes	Coating locking	safe-cover coated		
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 Additional condition temperature range depending on cable quality Important installation notes	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 Important installation notes	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 Important installation notes	Material screw connection	Zinc die-casting		
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Mechanical data Mounting data			
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Mounting method	inserted, screwed, Shaking protection		
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Environmental characteristics Climatic			
Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C		
Important installation notes	Operating temperature max.	85 °C		
	Additional condition temperature range	depending on cable quality		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes			
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		



stay connected

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.

	ga
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	654
Cable Type	5
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
	±5%
Outer diameter tolerance core insulation	74 ± 3 Shore D
Shore hardness wire insulation	
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 mm²
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	4,8 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min
. 5.5.5 opood	