

## M12 female 90° A-cod. with cable LED

PUR 5x0.34 bk UL/CSA 5m

## **⚠ NOTICE ⚠** PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female 90° M12, 5-pole 3× LED (PNP)

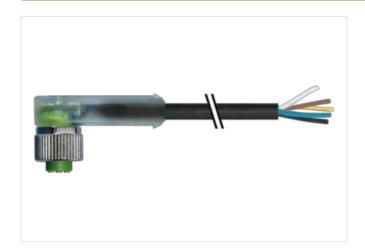
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

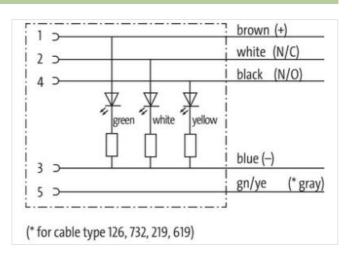
Plastic housings with good resistance against chemicals and oils.

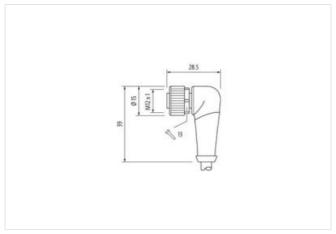
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

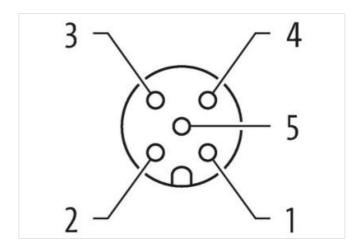
## **Link to Product**

## Illustration









Product may differ from Image













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Meuning method   Inserted, screwed	Cable length	5 m
Inserted, screwed   Inserted	Side 1	
Family construction form M12 Thread M12 x 1  usuable for compated tube (internal O) 10 mm  Coding A  Material PUR  With across fluss SW13  Degree of protection (ENEC 60259) IP56, IP66K, IP67  Commercial data  ECLASS-60 2772918  ECLASS-60 2772918  ECLASS-70 2772918  ECLASS-70 2772918  ECLASS-80 2772918  ECLASS-80 2772918  ECLASS-80 2772918  ECLASS-80 2772918  ECLASS-11 27060311  ECLASS-80 27060311  ECLASS-10 27060311  ECLAS	Tightening torque	0,6 Nm
Thread         M12 x1           Subliable for corrugated tube (internal CV)         10 mm           Coding         A           Mallerial         PUR           Width across fats         SW13           Degree of protection (EN IEC 60529)         UP65, IP66K, IP67           Commercial data         CRASS-6.0         27279218           EGLASS-6.1         27279218         CRASS-6.1         27279218           EGLASS-8.0         27000311         CRASS-6.1         27000311           EGLASS-10.1         27000311         CRASS-10.1         27000311           EGLASS-11.1         27000311         CRASS-11.1         27000311           EGLASS-12.0         20000311         CRASS-12.0         20000311           ETIM-5.0         EC001855         CRASS-12.0         20000311           ETIM-5.0         EC001855         CRASS-12.0         20000311           DEFENCING LIST SUPPY         CRASS-12.0         24 V           Operating voltage DC         24 V         CRASS-12.0         30 V           Operating voltage DC max.         4 A         CRASS-12.0         30 V           Operating voltage DC max.         10 V         CRASS-12.0         10 V           Operating voltage DC max.         10 V	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Widh across flats         SW13           Degree of protection (EN IEC 60529)         P95, P96K, IP67           Commercial dats         200           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         2779218           ECLASS 9.0         27600311           ECLASS 9.1         27060311           ECLASS 1.1         27060311           ECLASS 1.2.0         27060311           ECLASS 1.1.1         200611           ECLASS 1.2.0         27060311           ECLASS 1.1.1         200611           ECLASS 1.2.0         27060311           ECLASS 1.2.1         444290           GTIN         4048079201995           Deckaging unit         1           Electrical data Supply         20           Operating voltage DC max.         30 V	Family construction form	M12
Coding	Thread	M12 x 1
Material         PUR           Width across flats         SWI3           Degree of protection (EN EC 60529)         PBS, FP6K, IP67           Commercial data         PED (Commercial data)           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.1         27060311           ECLASS-12.0         27060311	suitable for corrugated tube (internal Ø)	10 mm
Width across fields         SWI3           Degree of protection (ENIEC 60529)         P6S, IP66K, IP67           Commercial date         P6S, IP66K, IP67           ECILASS-6.0         27279218           ECILASS-6.1         2779218           ECILASS-7.0         27279218           ECILASS-8.0         277660311           ECILASS-9.0         270660311           ECILASS-1.1         270660311           ECILASS-1.1         270660311           ECILASS-1.2         270660311           ECILASS-1.3         270660311           ECILASS-1.1         270660311           ECILASS-1.2.0         2806311           ECILASS-1.3         27060311           ECILASS-1.3         27060311           ECILASS-1.4         27060311           ECILASS-1.5         27060311           ECILASS-1.6         280444290           GITIM         404887201995           Packaging unit         1           Electrical data   Supply         20070           Operating voltage DC max         30 V           Operating voltage DC max         30 V           Operating voltage DC max         4 A           Diagnositics           Status indication LED	Coding	A
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial date           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.0.1         EC001855           COLASS-1.0.1         EC001855           GUARD Tumber         85444290           GTIN         4048879201995           Packaging unit         1           Electrical data [Supply           Operating voltage DC min.         18 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           Operating voltage DC max. (UL-listed)         30 V           Usual indication LED         green, white, yellow           Installation   Connection         Mix x           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree	Material	PUR
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27796311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs staff rumber         8544290           GTIN         40487921995           Packaging unit         1           Electrical data   Supply           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         3           Status inclusion LED         green, white, yellow           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60064-1)         1           Mechanical data   Material data         Airc die casting	Width across flats	SW13
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-10.0         ECONISSO           Castoms tafff number         8544290           GTIN         4048879201995           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.         30 V           Operating voltage DC max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, white, yellow           Installation   Connection         Mulz x 1           Device protection   Electrical           Additional condition protection degree         3 Rate as yellow           Material group (EC 60664.1)         1           Mechanical data   Material data         Zinc die-casting           Coating toking	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1 2779218 ECLASS-7.0 2779218 ECLASS-9.0 2779218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 CUBORN	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         27080311           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879201995           Packaging unit         1           Electrical data   Supply         1           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max. (UL-isled)         30 V           Diagnostics         Status indication LED           Installation   Connection         Mult x 1           Device protection   Electrical           Additional condition protection degree         1           Pollution Degree         3           Rated surge voltage         0,8 kV	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-17.0         ECO01855           customs tariff number         85444290           GTIN         4048879201995           Packaging unit         1           Electrical data   Supply         Packaging unit           Operating voltage DC         24 V           Operating voltage DC max.         30 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         Mult x 1           Device protection   Electrical           Additional condition protection degree         3           Politation Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material date           Coating locking         Nickeled           Coating of f	ECLASS-6.1	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879201995 Packaging unit 1 Electrical data   Supply Operating voltage DC min. 18 V Operating voltage DC min. 18 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 Meteral data  Casting locking Nickeled Coating of fitting nickel plated Locking material Material storey (EC 60664-1) 1  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Material screw connection Zinc die-casting Meterial screw connection Zinc die-casting Meterial screw connection Zinc die-casting Meterial screw connection   Zinc die-casting	ECLASS-7.0	27279218
ECLASS-1.0.1 27060311 ECLASS-1.1.0 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 EC03185 customs tariff number 85444290 GTIN 4048879201995 Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC min. 18 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 DC as Sk V Material group (IEC 60664-1) I  Mechanical data   Material data Coating folding Iting incikel plated Locking material Locking material Atterior inserted, screwed, Shaking protection  Mounting set Nickeled Coating of fitting nickel plated Locking material acrew connection 2 inserted, screwed, Shaking protection  Mechanical data   Material data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature max. 95 °C Operating temperature max. 95 °C Operating temperature max. 95 °C	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 1 27060311 ELAST-12.0 1 2706031 ELAST-	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001885 customs tariff number 85444290 GTIN 4048879201995 Packaging unit 1 Electrical data   Suppty 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) I  Mechanical data   Material data Coating locking indicated inserted, screwed   Nickeled Coating of fitting inckel 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  Poperating temperature min25 °C Operating temperature max. 85 °C	ECLASS-10.1	27060311
ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879201995  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC in 18 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  Poliution Degree 3 Readed supply (EC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating olicking indicated inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min25 °C	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879201995 Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 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 M2 M8 kV  Material group (IEC 60684-1) I  Mechanical data   Material data  Coating locking indication   Zinc die-casting  Material screw connection   Zinc die-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	ECLASS-12.0	27060311
GTIN         4048879201995           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         User of the product o	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           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         I           Mechanical data   Material data         Coating locking         Nickeled           Coating of lifting         nickel plated         L           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C	customs tariff number	85444290
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 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 of fitting inckel plated  Locking material Zinc die-casting  Material screw connection   Zinc die-casting  Mechanical data   Mounting data  Mounting method 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	GTIN	4048879201995
Operating voltage DC	Packaging unit	1
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 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 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  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Electrical data   Supply	
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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 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 looking 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		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 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material  Methanical 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.	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 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	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 Nickeled  Coating of fitting nickel plated  Locking material screw connection incerted, 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	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) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  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	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 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	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 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	
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 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	M12 x 1
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 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		<u>-</u>
Pollution Degree 3 Rated surge voltage 0,8 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		
Rated surge voltage 0,8 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.  85 °C	-	
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		
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		1
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.  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   Climatic	
	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: 2024-05-02



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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on Strain rener	
Note on bending radius	<b>Attention:</b> 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)
Cable	
Cable identification	625
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	54,78 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 0.34 mm²
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material jacket	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.0 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
remperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s