

## M8 female 90° A-cod. with cable LED

PUR 3x0.25 gy UL/CSA 7.5m

Female 90° **⚠ NOTICE ⚠** 

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

M8, 3-pole 2× LED (PNP)

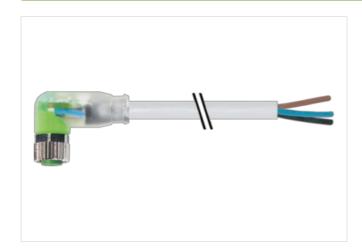
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

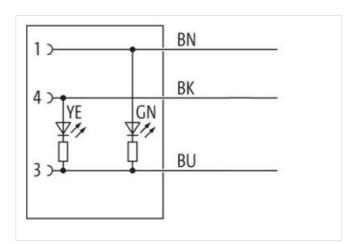
Plastic housings with good resistance against chemicals and oils.

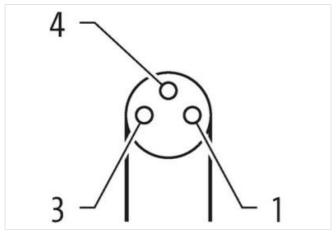
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

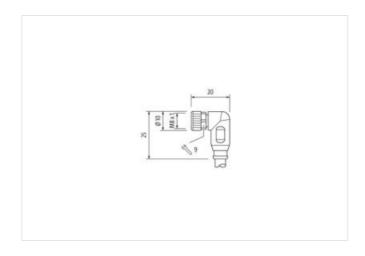
## **Link to Product**

## Illustration









Product may differ from Image













stay connected

Meuminy method   Inserted, screwed	Cable length	7,5 m
Meaning method   Inserted, screwed	Side 1	
Family construction from M8 Thread M8 x 1  suitable for compated tube (internal 0) 6,5 mm Cable outlet angled Coding A  Mile rail PUR  Mole of plots Signate S	Tightening torque	0,4 Nm
Family construction from M8 Thread M8 x 1  suitable for compated tube (internal 0) 6,5 mm Cable outlet angled Coding A  Mile rail PUR  Mole of plots Signate S	Mounting method	inserted, screwed
Thread		M8
Suitable for corrugated tube (internal Ø)         6,5 mm           Cable outlott         angled           Goding         A           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IPS6, IPS6K, IPS7           Side 2         Signon length (flocket)           Simple length (flocket)         20 mm           Family construction form         The eable and           Commercial data         Commercial data           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-10.1         27000311           ECLASS-10.1         27000311           ECLASS-10.1         27000311           ECLASS-10.1         27000311           ECLASS-10.1         27000311           ECLASS-10.2         27000311           ECLASS-10.3         27000311           ECLASS-10.4         20 Tomostrian (analysis)           Coparating voltage DC max.         30 V	-	M8 x 1
Cobing         A           Material         PUR           No. of poles         3           Width across flats         SV9           Degree of protection (EN IEC 60529)         IP65. IP66K, IP67           Side 2         SV9           Skipping langli (jacket)         20 mm           Family construction form         fee cable end           Commercial date         CELASS-6.0           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27669311           ECLASS-9.0         27669311           ECLASS-9.0         27669311           ECLASS-1.1         27669311           ECLASS-1.2         27669311           ECLASS-1.3         27669311           ECLASS-1.1         27669311           ECLASS-1.1         27669311           ECLASS-1.1         27669311           ECLASS-1.1         27669311           ECLASS-1.2         27669311           ECLASS-1.3         2792218           ECLASS-1.1         27069311           ECLASS-1.2         27069311           ECLASS-1.3<	suitable for corrugated tube (internal Ø)	6,5 mm
Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Width across flats           Stypioping length (jacket)         20 mm           Family construction form         free cable end           Commercial date         CELASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.0         27060311           ECLASS-10.0         27060311           ECLASS-10.1         270706311     <	Cable outlet	angled
Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Width across flats           Stypioping length (jacket)         20 mm           Family construction form         free cable end           Commercial date         CELASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.0         27060311           ECLASS-10.0         27060311           ECLASS-10.1         270706311     <	Coding	A
Width across flats         SW9           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Stripping length (lackel)         20 mm           Family construction from         tree cable end           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27796311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.2         27060311           ECLASS-12.0         27090311           ECLASS-13.0         27090311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-10.2         27090311           ECLASS-10.3         27000315           ECLASS-10.3         27000315           ECLASS-10.1         27000315           ECLASS-10.2         27000315           ECLA	Material	PUR
Degree of protection (EN IEC 60329)         IP85, IP66K, IP67           Side 2           Stripping length (jacket)         20 mm           Family construction form         tere cable end           Commercial data         Commercial data           ECLASS-6.0         2779218           ECLASS-7.0         27279218           ECLASS-8.0         2779631 I           ECLASS-9.0         276631 I           ECLASS-9.1         2706031 I           ECLASS-9.1         2706031 I           ECLASS-9.1         2706031 I           ECLASS-1.1         2706031 I           ECLASS-1.2.0         2706031 I           ECLASS-1.1         2706031 I           ECLASS-1.2.0         270703	No. of poles	3
Sibe 2           Singping length (jacket)         20 mm           Family construction form         the cable end           Commercial date         ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           COLASS-1.2.0         27060311           ECLASS-1.2.0         270700311           ECLASS-1.2.0         2804220	Width across flats	SW9
Sibe 2           Singping length (jacket)         20 mm           Family construction form         the cable end           Commercial date         ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           COLASS-1.2.0         27060311           ECLASS-1.2.0         270700311           ECLASS-1.2.0         2804220	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Siripping length (jacket)         20 mm           Family construction form         free cable and           Commercial data         Family construction form           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           Customs tariff number         8544290           GTIN         4048879226868           Packaging unit         1           Decitical data   Supply         Voperating voltage DC mai.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         Status indication LED         green, yellow           United plantal file (abover)         M8 x 1           Device protection   Electrical Additional condition protection degree         3           Rated surge voltage         0.8 kV           Material group		
Family construction form   ree cable end	Stripping length (jacket)	20 mm
Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           customs tariff number         85444290           GTIN         4048879228868           Packaging unit         1           Electrical data   Supply           Operatiny voltage DC         24 V           Operatiny voltage DC max.         30 V           Operatiny voltage DC max.         30 V           Operatiny operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection         Stripping length (jacket)           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material surge		
ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0.1         27060311           ECLASS 9.0         ECO01855           customs tariff number         8544290           GTIN         404887922868           Packaging unit         1           Electrical data   Supply           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, yellow           Installation   Connection		
ECLASS-6.1         27278218           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         EC001855           customs tariff number         85444290           GTIN         404879228688           Packaging unit         1           Electrical data   Supply           Operating voltage DC mix         18 V           Operating voltage DC mix.         30 V           Operating voltage DC mix.         30 V           Operating voltage DC mix.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 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		
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECO1855           customs tariff number         85444290           GTIN         4048879226868           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           Depring voltage DC max.           Oursent operating per contact max.         4 A           Depring voltage DC max.           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Depring voltage DC max.           Status indication LED         green, yellow           Installation   Connection           Stitus indication   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree <t< td=""><td></td><td></td></t<>		
ECLASS-8.0         27279218           ECLASS-9.0         27660311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879226868           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. (UL-listed)         30 V           Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Status indication LED           Installation   Con	ECLASS-6.1	
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         404887926868           Packaging unit         1           Electrical data   Supply           Operating voltage DC           24 V         Operating voltage DC max.           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, yellow           Installation   Connection         Stratus indication   Connection           Stripping length (facket)         20 mm           Mounting set         M8 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 da	ECLASS-7.0	
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         65444290           GTIN         4048879226868           Packaging unit         1           Electrical data   Supply         V           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           Status indication LED         green, yellow           Installation   Connection         Stripping length (jacket)           Stripping length (jacket)         20 mm           Mounting set         M8 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         Xinckeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting     <		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879226868           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.         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Stripping length (facket)         20 mm           Mounting set         M8 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		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879226668           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           Ourent operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 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           Material screw connect		
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879226868           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         green, yellow           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 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 locking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting		
customs tariff number         85444290           GTIN         4048879226868           Packaging unit         1           Electrical data   Suppty           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, yellow           Installation   Connection         Stripping length (jacket)         0 mm           Mounting set         M8 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         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting		
GTIN         4048879226868           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         green, yellow           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Methanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting		
Packaging unit         1           Electrical data   Suppty           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, yellow           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 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           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting		
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, yellow  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M8 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 08 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Mitching Inside   Mickeled  Coating of fitting nickel plated  Locking material  Meterial screw connection Zinc diec-casting  Meterial screw connection Zinc diec-casting		4048879226868
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, yellow       Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M8 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		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, yellow Installation   Connection Stripping length (jacket) 20 mm Mounting set M8 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 paled Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-casting	Electrical data   Supply	
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, yellow           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 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	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, yellow  Installation   Connection  Stripping length (jacket) 20 mm Mounting set M8 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 Zinc die-casting  Material screw connection Zinc die-casting	Operating voltage DC min.	18 V
Current operating per contact max. 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M8 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 Nickeled  Coating of fitting nickel plated  Locking material Screw connection Zinc die-casting  Material screw connection Zinc die-casting	Operating voltage DC max.	30 V
Status indication LED green, yellow  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M8 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  Material screw connection Zinc die-casting	Operating voltage DC max. (UL-listed)	30 V
Status indication LED green, yellow  Stripping length (jacket) 20 mm  Mounting set M8 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  Material screw connection Zinc die-casting	Current operating per contact max.	4 A
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M8 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  Material screw connection Zinc die-casting	Diagnostics	
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M8 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  Material screw connection Zinc die-casting	Status indication LED	green, yellow
Stripping length (jacket)  Mounting set  M8 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  Material screw connection Zinc die-casting		
Mounting set M8 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  Material screw connection Zinc die-casting		20 mm
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  Material screw connection Zinc die-casting		
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  Material screw connection Zinc die-casting		IVIO A I
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 Zinc die-casting		
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		
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Auterial screw connection  I  I  I  I  I  I  I  I  I  I  I  I  I		
Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting		
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting		<u> </u>
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Mechanical data   Material data	
Locking material Zinc die-casting  Material screw connection Zinc die-casting	Coating locking	Nickeled
Material screw connection Zinc die-casting	Coating of fitting	nickel plated
·	Locking material	Zinc die-casting
Mechanical data   Mounting data	Material screw connection	Zinc die-casting
	Mechanical data   Mounting data	



Mounting method

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	
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 61076-2-104 (M8)
Installation   Cable	5 iii 2 iii 3 ii 3 ii 3 ii 3 ii 3 ii 3 i
·	
wire arrangement	brown, black, blue
Cable identification	220
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	26,62 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   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
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C