

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

PUR 3x0.25 bk UL/CSA 1.5m

Female 90°

**⚠ NOTICE ⚠** 

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

M8, 3-pole 2× LED (PNP)

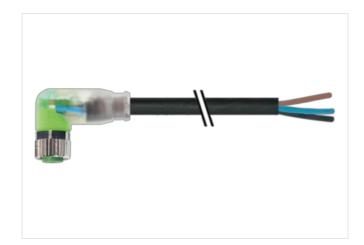
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

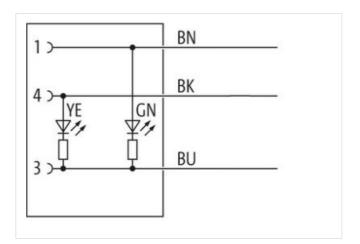
Plastic housings with good resistance against chemicals and oils.

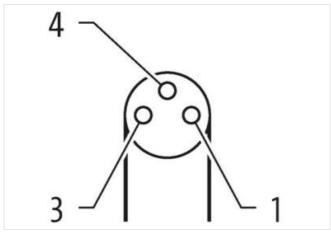
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

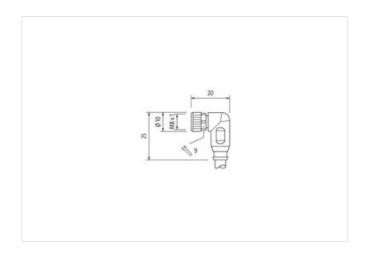
## **Link to Product**

## Illustration









Product may differ from Image













stay connected

Side 1         Typithening torque         0,4 km           Mounting method         inserted, screwed           Family construction from         M8           Triesd         M8 x 1           suitable for convegated tube (internal 6)         5, mm           Cable outlet         angled           Coding         A           Milatorial         PUR           No. of poles         3           Width across filds         SVI9           Stoppage of protection (EN EC 60529)         PP6, FP6K, FP67           Side 2         PR5, FP6K, FP67           Side 3         Suppage flight (jacket)         2 mm           Family construction from         froe cable and           Commercial data           ECLASS-6.0         2 2279218         PECLASS-7.0           ECLASS-7.0         2 2779218         PECLASS-7.0         PECLASS-7.0           ECLASS-8.0         2 2906311         PECLASS-1.1         PECLASS-1.2         PECLASS-1.2         PECLASS-1.2         PECLASS-1.2         PECLASS-1.2         PECLASS-1.2         PECLASS-1.2         PECLASS-	Cable length	1,5 m
Mean	Side 1	
Mean	Tightening torque	0.4 Nm
Family construction form         M8           Timead         M8 x 1           autable for compiged tube (internal 6)         8,5 mm           Cable outlet         anged           Coding         A           Material         PUR           No. of poles         3           Width across fluits         SW9           Degree of protection (EN IES 80529)         IPES, PB6K, IP67           Side 2         Stripping length (jacket)           20 mm         Family construction form           Family construction form         fee cable end           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         2779631           ECLASS 9.0         2779631           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.0         27060311           ETIM-5.0         ECOH1655           Customs fairff number         B44259           GTIN         40		· · · · · · · · · · · · · · · · · · ·
Time and transported tube (internal O) (a. Spinor)         MB x 1           Coalino cultato for corrugated tube (internal O) (a. Spinor)         anglor           Coaling A         A           No. of poles (a. Spinor)         3           No. of poles (a. Spinor)         185 (PP)           Slog 2         Use poly (ackst)           Shipping lingth (ackst) (a. Spinor)         170 mm           Commercial data         20 mm           ECLASS-6.0 (a. 27279/218         20 mm           ECLASS-6.1 (a. 27279/218         20 mm           ECLASS-6.1 (a. 27279/218         20 mm           ECLASS-6.0 (a. 27279/218         20 mm           ECLASS-7.0 (a. 27279/218         20 mm           ECLASS-8.0 (a. 27279/218         20 mm           ECLASS-8.0 (a. 27279/218         20 mm           ECLASS-9.0 (a. 27279/218         20 mm <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·
suitable for corrugated stube (internal 0)         6,5 mm           Cabbe outlet         anglod           Coding         A           Meterial         PUR           No. of potes         3           Width across fats         SW9           Degree of protection (EN IEC 60529)         IP68, IP66K, IP67           Sirigoing length (jacker)         20 mm           Family construction form         fee cable end           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0.1         27060311           ECLASS-8.1.1         27060311           ECLASS-8.1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.3         404879326622           Packaging unit         1           Electrical data [Supply           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Dignostics         Strate indication LED         gene. yellow <tr< td=""><td>-</td><td></td></tr<>	-	
Cable outlet         angled           Coding         A           Matorial         PUR           No. of poles         3           Width across fatts         SW9           Degree of protection (EN IEC 80529)         IP65, IP66K, IP67           Side 2           Side 2           Side 3           Commonity (incled)           Family construction form           Family colspan="2">Family colspan="2">Family colspan="2">Family colspan="2">Family colspan="2">Family colspan="2">Family colspan="2">Family colspan="2">Family		6.5 mm
Coding         A           Material         PUB           Material         PUB           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 80529)         PIPS, IPBGK, IPB7           Stigonia pelogric (jacket)         20 mm           Family construction form         rec cable end           Commercial data           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           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         27060311           ECLASS-1.2         27060311           ECLASS-1.2         <		· · · · · · · · · · · · · · · · · · ·
Material         PUR           No. of poles         3           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 80529)         IP65, IP68K, IP67           Side 2         Width across of protection (EN IEC 80529)           Skide 2         Width across of protection (EN IEC 80529)           Skide 2         Width across of protection (EN IEC 80529)           Skide 2         Width across of protection (EN IEC 80529)           Skide 2         Width across of protection (EN IEC 80529)           Skide 2         Width across of protection (EN IEC 80529)           Echas 5.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0.1         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           GLASS-10.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           GLIN M.         4048079226622           Packaging unt         8 V		
No. of poles         3           Width across falses         SW9           Degree of protection (EN IEC 60529)         IP65. IP66K, IP67           Side 2         Stripping length (jacket)         20 mm           Family construction form         fee cable end           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27279218           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ETIM-5.0         EC001855           Coutions fauff number         65444290           GTIN         4048878226622           Packaging unit         1           Electrical data   Supty         Operating voltage DC           Operating voltage DC max.         30 V           Operating v		PUR
Width across flats         SW9           Degree of protection (EN IEC 60529)         IPES, IP6KI, IP67           Side 2         PES, IP6KI, IP67           Stripping length (jacket)         20 mm           Family construction form         free cabble end           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         2779218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         E001855           coustoms tariff number         85444290           GTIN         4048879226822           Packaging unit         1           Electrical data   Supply         Operating voltage DC max.         30 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           Status indication LED         green, yellow           Installation   Connection		
Side 2           Simpoin plength (jackel)         20 mm           Family construction from         fee cable end           Commercial date         ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         2706031           ECLASS 9.2         2706031           Eclassing unit         1           Electrical data   Supply           Operating voltage DC max.         30 Y           Operating voltage DC max.         30 Y           Operating voltage DC max.         4 A		SW9
Side 2           Simpoin plength (jackel)         20 mm           Family construction from         fee cable end           Commercial date         ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         2706031           ECLASS 9.2         2706031           Eclassing unit         1           Electrical data   Supply           Operating voltage DC max.         30 Y           Operating voltage DC max.         30 Y           Operating voltage DC max.         4 A	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Stripping length (jacket)         20 mm           Family construction form         free cable end           Commercial data         Commercial 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-12.0         27060311           ETIM-5.0         EC001855           Count and the further         8544280           GTIN         4048878226822           Packaging unit         1           Electrical data   Supply         Voperating voltage DC max.         30 V           Operating voltage DC max.         30 V         Voperating voltage DC max.         30 V           Operating voltage DC max.         30 V         Voltage post of max.         4 A           Diagnostics         Status indication LED         green, yellow           Status indication LED         green, yellow           Installation   Connection         Max x           Device protection   Electrical         Alexander of the post of the p		
Family construction form         free cable end           Commercial date         Commercial date           ECLASS-6.0         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           ETIM-5.0         EC001855           customs tariff number         85444290           GTN         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max. (UL-listed)         30 V           Ourrent operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         20 mm           Mounting set         Mx 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 <td></td> <td>20 mm</td>		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         ECO01855           customs tariff number         85444290           GTIN         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC           Questing 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           Status indication LED         8 X 1           Device protection   Electrical           Additional condition protection degree         3 Rated surge voltage           Pollution Degree         3           Rated surge voltage         0,8 kV		
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27600311           ECLASS-9.0         27600311           ECLASS-10.1         27600311           ECLASS-11.1         27060311           ECLASS-12.0         277060311           ETIM-5.0         ECO01955           customs tariff number         85444290           GTIN         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         30           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Strippin length (jacket)         20 mm           Mounting set         Max 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed	·	
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           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404879226622           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, yellow           Installation   Connection           Strippia 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		
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         ECON1855           customs tariff number         85444290           GTIN         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating oper contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Status indication LED           Installation   Connection         With x           Operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Addition per contact max.         4 A           Diagnostics           Status indic		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         4048679226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC min.           18 V         Operating voltage DC min.           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           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree           Additional condition protection degree           Jacked surge voltage         0,8 kV           Material goue (IEC 60664-1)         1           Mechanical data		
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         8544290           GTIN         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC           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         Straus indication LED           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 data           Coating forking         Nickeled           Coating of fitting         nickel plated </td <td></td> <td></td>		
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879226622           Packaging unit         1           Electrical data   Supply         V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         V           Status indication LED         green, yellow           Installation   Connection         V           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         Kickeled           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         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC           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 (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection 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 connection         Zinc die-casting		27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879226622           Packaging unit         1           Electrical data   Supply           Operating voltage DC           24 V         Operating voltage DC min.           18 V         Operating voltage DC max.           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)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection 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 connection         Zinc die-casting		27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879226622           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 (IEGe 6664-1)         I           Mechanical data   Material data         Coating folking         Nickeled           Coating folking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting		27060311
customs tariff number 85444290 GTIN 4048879226622 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. 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 M64-1)    Mechanical data   Material data  Coating locking Material screw connection Zinc die-casting		
GTIN         4048879226622           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         V           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 looking           Coating looking         Nickeled           Coating looking material         Zinc die-casting           Material screw connection         Zinc die-casting		
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 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 Nickeled  Coating of fitting nickel casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting		
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  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 Nickeled  Coating of fitting nickel plated  Locking material  Zinc die-casting  Material screw connection Zinc die-casting		4048879226622
Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC 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 material  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting	Packaging unit	1
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Ourrent 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	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 Material screw connection 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 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) 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.	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) 1  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  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	Current operating per contact max.	4 A
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	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  Material screw connection	Installation   Connection	
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 Connection Zinc die-casting  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 Zinc die-casting  Material screw connection Zinc die-casting		IVIQ A 1
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		
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  Zinc die-casting  Material screw connection  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	Material group (IEC 60664-1)	
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	

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: 2024-05-21



stay connected

Mounting	mothod

inserted, screwed, Shaking protection

	inserted, Sciewed, Straking 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	
	Distant the connectors by suitable managers from mechanical leads, a.g. by the upper of cable ties
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation   Cable	
wire arrangement	brown, black, blue
Cable identification	620
Cable Type	2
Jacket Color	black
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 - acket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature (inced)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Gassinio rodistariot	acca, application related testing

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: 2024-05-21



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