

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

PUR 5x0.34 ye UL/CSA+robot+drag ch. 10m

Female 90° Zinc die casting, save-cover coated M12, 5-pole 3× LED (PNP)

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

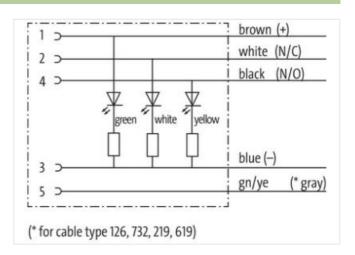
Plastic housings with good resistance against chemicals and oils.

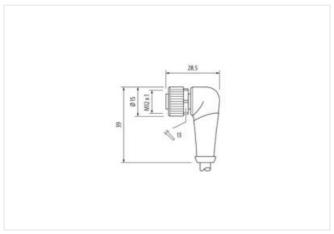
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

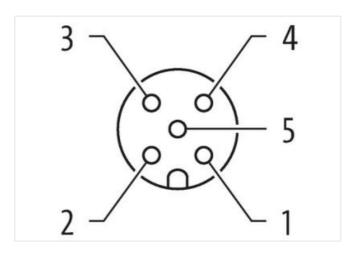
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

10 m

Side 1



stay connected

Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           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	Tightening torque	0,6 Nm
Family construction form   M12 x 1	Mounting method	inserted, screwed
suitable for corrugated lube (internal 0)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (ENEG 60529)         IP65, IP66K, IP67           Commercial data         PUR           ECLASS 6.0         2779918           ECLASS 7.0         2729218           ECLASS 7.0         2779218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 10.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27080311	Family construction form	M12
Coding         A           Material         PUR           With across fists         SW13           Degree of protection (EN IEC 80529)         PSE, IPSEK, IPS7           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27779218           ECLASS-7.0         27279218           ECLASS-8.0         27000311           ECLASS-9.0         27000311           ECLASS-1.1         27060311           ECLASS-1.2.1         27060311           ECLASS-1.2.0         27080311           ETIM-5.0         EC001835           Coulsons sarff number         8544280           GTN         404887301152           Packaging unit         1           Electrical data Isoppty         Coperating voltage DC max.           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics           Status indication LED         green, while, yellow           Installation   Connection           Mounting set         M12 x 1           Mechanical data   Material grow (Text of Section 1)           Locking	Thread	M12 x 1
Material         PUR           Width across fists         SW13           Degree of protection (ENIEC 60529)         PB65, P66K, P67           Commercial data         CCASS-6.0         27279218           ECLASS-6.1         27279218         CCASS-6.1         27279218           ECLASS-7.0         27279218         CCASS-6.1         CCASS-7.0           ECLASS-9.0         27279218         CCASS-9.0         CCASS-9.0           ECLASS-9.1         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.1         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.2         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.3         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.1         3         CCASS-9.0         CCASS-9.0           Eclassical Surgery         4         CCASS-9.0         CCASS-9.0           Electrical Surgery<	suitable for corrugated tube (internal Ø)	10 mm
Material         PUR           Width across fists         SW13           Degree of protection (ENIEC 60529)         PB65, P66K, P67           Commercial data         CCASS-6.0         27279218           ECLASS-6.1         27279218         CCASS-6.1         27279218           ECLASS-7.0         27279218         CCASS-6.1         CCASS-7.0           ECLASS-9.0         27279218         CCASS-9.0         CCASS-9.0           ECLASS-9.1         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.1         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.2         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.3         27060311         CCASS-9.0         CCASS-9.0           ECLASS-10.1         3         CCASS-9.0         CCASS-9.0           Eclassical Surgery         4         CCASS-9.0         CCASS-9.0           Electrical Surgery<	Coding	A
Degree of protection (EN IEC 60529)         IP85, IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1.0         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.1         38144290           GTIN         404879331152           Evaluation volume Polarial Supply         40		PUR
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         24 V           Operating voltage DC         24 V           Operating local polic proceducion   Electrical	Width across flats	SW13
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         24 V           Operating voltage DC         24 V           Operating local polic proceducion   Electrical	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001865           Locations farif number         85444290           GTIN         4048879301152           Packaging unit         1           Electrical data [Supply           Operating voltage DC         24 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           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Installation   Connection         M12 x 1           Device protection   Electrical Autorial data         M2 t           Additional condition protection degree         3           Raced surge voltage         0.8 kV           Material proup   (EC 6064-1)         1           Mechanical data   Material data         Zinc die-casting		
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27600311           ECLASS-10.1         27600311           ECLASS-11.1         27600311           ECLASS-12.0         27600311           ETIM-5.0         EC01855           usustoms tarff number         85444290           GTIN         4048879301152           Packaging unit         1           Electrical data   Supply         V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max. (Ul-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Installation   Connection         W12 x 1           Device protection   Electrical Additional condition protection degree         M12 x 1           Device protection   Electrical Additional condition protection degree         3           Rated suge voltage         0,8 kV           Material group (IEC 6064+1)         1           Michanical data   Material data         2inc die-casting           Material screw connection         2inc die-casting           Material screw connection         2inc die-casting	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27660311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-17.0         ECO01855           customs tariff number         8544290           GTIN         4048873301152           Packaging unit         1           Electrical data   Supply           Operating voltage DC mix           24 V           Operating voltage DC mix         30 V           Operating voltage DC max.         30 V           Operating voltage DC max. (UL-listed)         30 V           United properating per contact max.         4 A           United per contact max.         4 A           United per per contact max.         4 A           Deligional per contact max.         4 A           Deligional per contact max.         4 A           Deligional per contact max.         4 A           Deligion	ECLASS-6.1	27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879301152           Packaging unit         1           Electrical data   Supply         Voperating voltage DC min.           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           Status indication   Connection         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (EC 60064-1)         I           Mechanical data   Material data         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwe		27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879301152           Packaging unit         1           Electrical data   Supply         Voperating voltage DC min.           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           Status indication   Connection         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (EC 60064-1)         I           Mechanical data   Material data         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwe		
ECLASS-10.1         27060311           ECLASS-11.2         27060311           ECLASS-12.0         20060315           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887301152           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           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Operating voltage DC max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, white, yellow           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           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         Zinc die-casting           Mate		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048579301152           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.         4 A           Diagnostics           Status indication LED           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (EC 60664-1)         1           Mechanical data   Material data         Cading locking           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data		27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048878301152           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           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)           In Mechanical data   Material data           Coating of lifting           Locking material         Zinc die-casting           Mechanical data   Mounting data           Mounting ametrial characteristics   Climatic <td>ECLASS-11.1</td> <td></td>	ECLASS-11.1	
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887301152           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, white, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Value of casting           Material group (IEC 60664-1)         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Munting data           Mounting method         inserted, screwed, Shaking protection		
customs tariff number         85444290           GTIN         4048879301152           Packaging unit         1           Electrical data   Supply         Electrical data   Supply           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating oper contact max.         4 A           Diagnostics           Status indication LED           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data           Coating locking         safe-cover coated           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating		
GTIN         4048879301152           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. (UI-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, white, yellow           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating of lifting           Coating of lifting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C		
Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max. (UL-listed)         30 V           Operating voltage DC max. (UL-listed)         30 V           Outcome to operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, white, yellow           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         M2 x           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         1           Coating locking         safe-cover coated           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mickel plated           Locking method         inserted, screwed, Shaking protection </td <td></td> <td></td>		
Electrical data   Supply         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Operating port 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         Value of casting           Coating locking         safe-cover coated           Coating locking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         25 °C           Operating temperature man,         25 °C           Operating temp		
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 locking         safe-cover coated           Coating locking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Addit		
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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, 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 side-casting nickel plated Locking material Zinc die-casting Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min.		
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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 safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Deparating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Installation of the service of the casting of the casti		
Diagnostics       Status indication LED     green, white, yellow       Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data       Coating locking     safe-cover coated       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
Status indication LED green, white, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Sizew connection Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition notes		
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes		green, white, yellow
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Device protection   Electrical	
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Additional condition protection degree	inserted, screwed
Rated surge voltage 0,8 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	· · ·	
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes		
Mechanical data   Material data  Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes		
Coating locking safe-cover coated  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes		
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	·	safe-cover coated
Locking material  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes		nickel plated
Material screw connection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes		· · · · · · · · · · · · · · · · · · ·
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes		Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Mechanical data   Mounting data	
Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes		
Additional condition temperature range depending on cable quality  Important installation notes	Operating temperature min.	-25 °C
Important installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Note on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



stay connected

Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Ç	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	055
Cable Type	5
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min