

## M8 male 90° A-cod. with cable

PVC 3x0.25 gy UL/CSA 7.5m

Male 90° M8, 3-pole with cable sleeves

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

Plastic housings with good resistance against chemicals and oils.

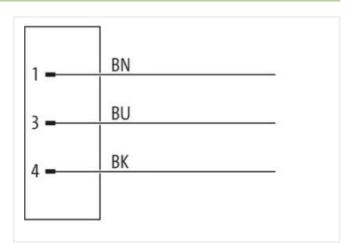
The resistance to aggressive media should be individually tested for your application. Further details on request.

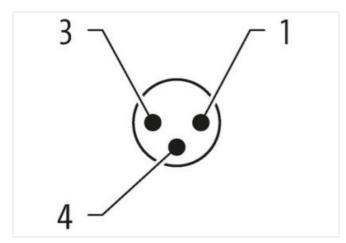
Further cable lengths on request.

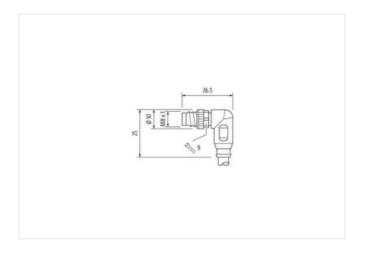
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

7,5 m

Side 1

Tightening torque

0,4 Nm

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: 2024-05-20



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Family construction form         M8           Thread         M8 x 1           subtable for corrupated tube (internal 0)         6.5 mm           Cable cutlet         angled           Coding         A           No. of poles         3           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Stripping length (jacket)         20 mm           Family construction from         free cable end           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-13.1         4048879232609           Packaging unit         1           Electrical datal Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
Tread		·
Satistation for corruptated tuble (internal 6)         8,5 mm           Cable outliet         angled           Coding         A           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IPSs. (Pek. IPS?           Side 2         Stripping plength (lacker)         20 mm           Family construction form         fee cable and           Commercial data         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 9.1         27090311           ECLASS 9.1         27090311           ECLASS 9.1         27090311           ECLASS 9.1         27090311           ECLASS 9.2         27090311           ECLASS 9.1         27000311           ECLASS 9.1         27000311           ECLASS 9.1		
Cabbo outlet         angled           Coding         A           Material         PUR           No. of poles         3           Wordh across filas         SW9           Degree of protection (EN IEC 60529)         1958, IFSBK (IPS?           Side 2         Shipping length (locket)         20 mm           Family construction form         foo cable ord           Commercial data         Commercial data           ECLASS-8.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-1.1         27000311           ECLASS-1.1         27000311           ECLASS-1.1         27000311           ECLASS-1.2         27000311           ECLASS-1.3         27000311           ECLASS-1.1         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         27000311           CALLAS - CARRAGO         1           Packaging unit         1<		
Coding         A           Material         PUR           Method and Servation (STE) (SECS)         3           Width across flats         SWB           Degree of protection (ENEG 60529)         IPS6, IP66K, IP67           Side 2           Strong protection (ENEG 60529)           Expense of protection (STE) (SECS)           Expense of protection (STE) (SECS)           Side 2           Strong protection (STE) (SECS)           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27090311           ECLASS 7.0         27000311           ECLASS 7.0         27000311           ECLASS 7.0		· · · · · · · · · · · · · · · · · · ·
Material         PUR           No. of poles         3           Witch across flats         SW0           Degree of protection (EN IEC 60529)         IPSE, IPSER, IPST           Witch across flats         SW0           Stripping longth (jacknot)         20 mm           Family construction form         fee cable end           Commercial data         CCCCANS-8.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ECLASS-10.1         27090311           ECLASS-10.2         27090311           ECLASS-10.2         27090311           ECLASS-10.2         27090311           ECLASS-10.2         27090311           ECLASS-10.2         27000311		
No. of poles         3           Widh acoss faits         SW9           Degree of protection (RNEC 60529)         IP85, IP86K, IP87           Side 2         Strong Protection (RNEC 60529)           Subping length (lacket)         ree cable end           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27270218           ECLASS 8.0         27270218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ECLASS 9.3         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ECLASS 9.3         27060311           ECLASS 9.4         27060311           ECLASS 9.5         27060311           ECLASS 9.6         27060311           ECLASS 9.7         27270218           ECLASS 9.8         27060311           ECLASS 9.8         27060311           ECLASS 9.2         27060311 <td></td> <td></td>		
Width arose flats         SW9           Degree of protection (EN IEC 60529)         P96, IP66K, IP67           Side 2         Stripping length (jacked)         20 mm           Stripping length (jacked)         20 mm           Family construction from the cabile and           Commercial data           ECLASS-6.0         27278218           ECLASS-7.0         27278218           ECLASS-8.0         27278218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2.0         27060311           ECLASS-1.0         <		
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Side 2           Singping length (jacket)         20 mm           Family construction form         fee cable end           Commercial data	Degree of protection (EN IEC 60529)	
Family construction form		
Family construction form	Stripping length (jacket)	20 mm
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879222609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED         no           Stratus indication LED         no           Installation   Connection         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Dagree         3           Rated surge voltage         1,5 kV           Material group (Ec 60664-1)         1           Inchancial data   Material	Family construction form	free cable end
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879222609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED         no           Stratus indication LED         no           Installation   Connection         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Dagree         3           Rated surge voltage         1,5 kV           Material group (Ec 60664-1)         1           Inchancial data   Material	Commercial data	
ECLASS 7.0         27279218           ECLASS 8-0         27279218           ECLASS 9.0         27060311           ECLASS 10.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27060311           ETIM-5.0         ECO1855           customs tariff number         85444290           GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         80 V           Operating voltage AC (UL-listed)         80 V           Operating voltage AC (UL-listed)         80 V           Operating logiting per contact max.         4 A           Status indication LED         no           Installation   Connection         Na 1		27270218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs tariff number         95444290           GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (**Max.**)         60 V           Operating voltage DC max.         60 V           Operating voltage DC (**U-listed**)         30 V           Operating voltage DC (**Westor**)         10           Installation   Connection         Stripping length (**jacket**)           Stripping length (**jacket**)         20 mm           Mounting set         Max x		
ECLASS -9.0         27060311           ECLASS -10.1         27060311           ECLASS -11.1         27060311           ECLASS -12.0         27060311           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC (UL-listed)         30 V           Distance of the colspan="2">Distance of the colspan		
ECLASS-10.1         27060311           ECLASS-11.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444200           GTIN         4048798232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication   Connection         Insatlation   Connection           Stipping length (gacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232609           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Addition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         Nickeled           Coating locking         nickel plated           Locking material		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics           Status indication LED         no           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         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         Nickeled           Coating locking         nickel plated           Locking material         Zinc die-casting		
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           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         1,5 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         Brass           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental ch	ECLASS-12.0	
GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage PC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Ourseling voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Ourseling voltage DC (UL-listed)         30 V           User an inclusion LED         no           Installation   Connection         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         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Brass           Mechanical da		
GTIN         4048879232609           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage PC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Ourseling voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Ourseling voltage DC (UL-listed)         30 V           User an inclusion LED         no           Installation   Connection         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         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Brass           Mechanical da	customs tariff number	
Pelectrical data   Supply   Supprise   Sup	GTIN	
Pelectrical data   Supply   Supprise   Sup	Packaging unit	1
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC max. 4 A  Diagnostics Status indication LED no 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 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Devarting temperature min25 °C	Electrical data   Supply	
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A  Diagnostics  Status indication LED no 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 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated Coating of fitting nickel plated Locking material connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Deparating temperature min25 °C		50 V
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics  Status indication LED no 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 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated Locking material Zinc die-casting Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C		
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Status indication LED no  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 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Surge wonection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		
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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 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		
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 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		no
Mounting set M8 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Installation   Connection	
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Stripping length (jacket)	20 mm
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Mounting set	M8 x 1
Pollution Degree 3 Rated surge voltage 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Device protection   Electrical	
Rated surge voltage 1,5 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 Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Additional condition protection degree	inserted, screwed
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  Brass  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C	Pollution Degree	3
Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Rated surge voltage	1,5 kV
Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Material group (IEC 60664-1)	1
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Mechanical data   Material data	
Locking material  Material screw connection  Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C		Nickeled
Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		nickel plated
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		Zinc die-casting
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Material screw connection	Brass
Environmental characteristics   Climatic  Operating temperature min25 °C	Mechanical data   Mounting data	
Operating temperature min25 °C	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics   Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C

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: 2024-05-20



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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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation   Cable	
•	040
Cable identification	210
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,37 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,5 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	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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