

## M12 male 0° A-cod. with cable AIDA

PUR 5x0.34 ye UL/CSA+drag ch. 1.5m

AIDA conform Male straight M12, 5-pole

Zinc die casting, save-cover coated

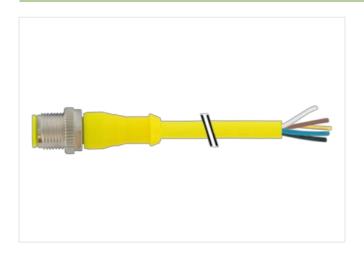
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

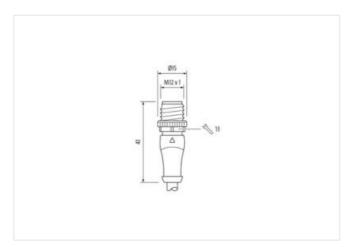
Plastic housings with good resistance against chemicals and oils.

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

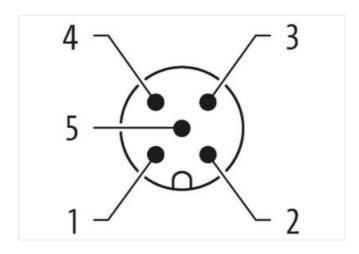
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

1,5 m

Side 1



stay connected

Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Propring length (jacket)         20 mm           Family construction form         free cable end           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         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         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	Tightening torque	0,6 Nm
Family construction form         M12 mutualized for corrugated tube (internal 0) 10 mm           Cable outlet         stright           Coding         A           No. of poles         5           With a consist stats         SW13           Degree of protection (EN IEC 60529)         IP65, IP68K IP67           Sife 2         With a consist stats           Sife 3         With a consist state of the cons	Mounting method	inserted, screwed
Trend		· · · · · · · · · · · · · · · · · · ·
Cable outlet         straight           Coding         A           No. of poles         5           Width across lists         SW13           Degree of protection (ENEC 60529)         1P65, P66K, P67           Side 2           Stripping length (scheet)         20 mm           Family construction form         fee cable and           Commercial data           ECLASS 0.0         27779218           ECLASS 0.1         2779218           ECLASS 0.2         2779218           ECLASS 0.3         2779218           ECLASS 0.1         27060311           ECLASS 1.0.1         270           Depreading		M12 x 1
Cable outlet         straight           Coding         A           No. of poles         5           Width across lists         SW13           Degree of protection (ENEC 60529)         1P65, P66K, P67           Side 2           Stripping length (scheet)         20 mm           Family construction form         fee cable and           Commercial data           ECLASS 0.0         27779218           ECLASS 0.1         2779218           ECLASS 0.2         2779218           ECLASS 0.3         2779218           ECLASS 0.1         27060311           ECLASS 1.0.1         270           Depreading	suitable for corrugated tube (internal Ø)	10 mm
No. of poles         5           Width access falsa         SW13           Dagree of protection (EN IEC 60529)         IPB5, IPB6K, IPB7           Side 2         PB109           Family construction form         fee cable end           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         2000315           ECLASS 9.1         200031           EC		straight
Width across flats         SW13           Degree of protection (EN IEC 60529)         P65, IP66K, IP67           Side 2         P85, IP66K, IP67           Stripping langth (jacker)         20 mm           Family construction form         receable and           Commercial date         P60           ECLASS-6.0         27278218           ECLASS-6.1         2778218           ECLASS-7.0         27278218           ECLASS-8.0         27278218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.3         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         280611           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         2804311           CLASS-1.2.0         2804311           ECLASS-1.3         28044290           GTIN         4048798110067           Packaging und         1           Electrical data is Taylor         40           Operating voltage AC (IU-listed)         30 V           Operating voltage AC (IU-listed)	Coding	A
Degree of protection (EN IEC 68529)         IP65, IP66K, IP67           Side 2           Stripping length (jacker)         20 mm           Family construction form         reseable and           ECLASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1         20001855           ECLASS-1.2.0         27060311           ECLASS-1.1         20001855           ECLASS-1.1         20001855           CLASS-1.1         20001855           CLASS-1.1         20001855           CLASS-1.1         20001855           CLASS-1.1         20001855           CLASS-1.1         20001855           CLASS-1.2.0         20001855           CTIN         4048879810067           Packaging unit         1           Electrical data   Suppty         20001855           Operating voltage AC max.         125 V           Operating voltage AC (CL-Islato)         30 V	No. of poles	5
Sibe 2           Stripping length (lacket)         20 mm           Family construction form         fee cable end           Commercial data           ECLASS-6.0         22729218           ECLASS-7.0         27729218           ECLASS-8.0         27729218           ECLASS-9.0         27669311           ECLASS-9.0         27669311           ECLASS-10.1         27069311           ECLASS-11.0         27069311           ECLASS-12.0         27669311           ETIM-5.0         ECO01855           COLASS-10.1         47069311           ETIM-5.0         ECO01855           GTIN         4048879810067           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         125 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UC-listed)         30 V           Operating voltage pc contact max.         4 A           Besides or protection   Electrical         14 PS. IVA           Begins of prot	Width across flats	SW13
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Family construction form   free cable end	Side 2	
Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.2         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404879810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Institution   Connection         20 mm           Device protection   Electrical   Electrica	Stripping length (jacket)	20 mm
ECLASS-6.0         27279218           ECLASS-8.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27000311           ECLASS-9.0         27000311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27000311           ECLASS-12.0         27000311           ECLASS-12.0         ECO1855           CUIST MARCH	Family construction form	free cable end
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs larif number         8544290           GTIN         4048879810067           Packaging unit         1           Electrical data [Supply         V           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         4 A           Installation   Connection         V           Stripping length (jacket)         20 mm           Device protection   Electrical         V           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reted surge voltage         1,5 kV           Material group (	Commercial data	
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs larif number         8544290           GTIN         4048879810067           Packaging unit         1           Electrical data [Supply         V           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         4 A           Installation   Connection         V           Stripping length (jacket)         20 mm           Device protection   Electrical         V           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reted surge voltage         1,5 kV           Material group (	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           GTIN         4048979810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V           Stripping length (jacket)         20 mm           Device protection [Excitation of the contract of		
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETM-5.0         EC001855           Leactiff furmber         85444290           GTN         4048879810067           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Strippin gength (gacket)         20 mm           Device protection   Electrical           Begree of protection (EN IEC6 6629)         P65. IP67, IP68K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 606641)         1           Nechanical data   Material data           Color contact carrier         yellow           Locking material         Zinc d		
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 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           Installation   Connection           Stripping length (jackel)         20 mm           Device protection   Electrical           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           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           Mechan	ECLASS-8.0	
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 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           Installation   Connection           Stripping length (jackel)         20 mm           Device protection   Electrical           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           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           Mechan	ECLASS-9.0	
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879810067           Packaging unit         1           Electrical data   Supply         Verification   Supply   Su		
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Stripping length (jacket)         20 mm           Degree of protection (RI IEC 6052)           Degree of protection (RI IEC 6052)         IP65, IP67, IP66K           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         I           Color contact carrier         yellow           Locking material         Zinc die-casting           Mechanical data   Munting data           Mechanical data   Munting method           mounting method         inserted, screwed, Shaking protection		
customs tariff number 85444290 GTIN 4048879810067 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V  Operating voltage AC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Color contact carrier yellow  Locking material Zinc die-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature max. 85 °C  Additional condition temperature maxe depending on cable quality	ECLASS-12.0	27060311
GTIN         4048879810067           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         4 A           Installation   Connection         V           Stripping length (jacket)         20 mm           Device protection   Electrical         V           Degree of protection   Electrical         V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60664-1)         1           Mechanical data   Material data         Velication of the countries	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  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 safe-cover coated  Color contact carrier yellow  Locking material 2 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deprating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	customs tariff number	85444290
Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage DC max. 125 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 6064-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Color contact carrier yellow  Locking material Zinc die-asting  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	GTIN	4048879810067
Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Installation   Connection  Powice protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K 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 safe-cover coated  Color contact carrier yellow Locking material 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	Packaging unit	1
Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection Stripping length (jacket) 20 mm  Device protection   Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K 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 safe-cover coated Color contact carrier yellow Locking material  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	Electrical data   Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K 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 safe-cover coated  Color contact carrier yellow Locking material 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	Operating voltage AC max.	125 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  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 safe-cover coated  Color contact carrier yellow Locking material 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	Operating voltage DC max.	125 V
Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  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 safe-cover coated  Color contact carrier yellow  Locking material younting 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	Operating voltage AC (UL-listed)	30 V
Installation   Connection  Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  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 safe-cover coated  Color contact carrier yellow  Locking material 2 inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	Operating voltage DC (UL-listed)	30 V
Stripping length (jacket) 20 mm  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  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 safe-cover coated  Color contact carrier yellow  Locking material 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	Current operating per contact max.	4 A
Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67, IP66K  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 safe-cover coated  Color contact carrier yellow Locking material 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	Installation   Connection	
Degree of protection (EN IEC 60529) IP65, IP67, IP66K 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 safe-cover coated Color contact carrier yellow Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Oder additional condition temperature range depending on cable quality	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 safe-cover coated  Color contact carrier yellow  Locking material 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	Device protection   Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Color contact carrier yellow Locking material 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		
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking safe-cover coated  Color contact carrier yellow  Locking material 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		inserted, screwed
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking safe-cover coated  Color contact carrier yellow  Locking material 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		
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Coating locking safe-cover coated  Color contact carrier yellow  Locking material 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	Material group (IEC 60664-1)	
Color contact carrier yellow Locking material 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		
Locking material  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		
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		· · · · · · · · · · · · · · · · · · ·
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	Locking material	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Operating temperature max.  Additional condition temperature range  depending on cable quality	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality		
Important installation notes	Additional condition temperature range	depending on cable quality
	Important installation notes	

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: 2024-06-26



stay connected

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 61076-2-101 (M12)
Installation   Cable	
vire arrangement	brown, black, blue, white, gray
Cable identification	127
Cable Type	5
lacket Color	yellow
Type of Certificate	cURus
Approvals	cURus (AWM-Style 20549/10493), CE compliant, VASS 6 compliant, according to MgU-I-B09-41 (March 202
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
vire arrangement	brown, black, blue, white, gray
Cable weigth	49,5 g/m
Material jacket	PUR
Shore hardness jacket	54 ± 5 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5.2 mm
Folerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
	5
Amount wires	
Outer diameter insulation	1,25 mm ± 5 %
Outer diameter tolerance core insulation	
Shore hardness wire insulation	73 ± 5 Shore D
ngredient 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 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	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
fin. 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	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Fravel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.

## Product-PDF for Article 7030-12041-1270150



Torsion stress ± 360 °/m

Torsion speed 35 cycles/min