

## M12 male 0° Y-cod. shielded / Drive Cliq IP67

PVC AWG24+22 shielded gn UL/CSA+drag ch. 6m

DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires

**Ethernet CAT5** 

Male straight - male straight

**DRIVE-CLIQ IP67** 

M12, 8-pole

shielded

without cable sleeves

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

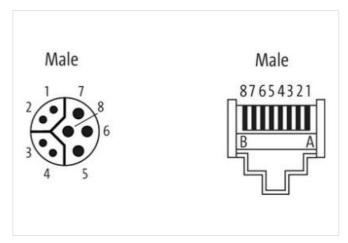
Plastic housings with good resistance against chemicals and oils.

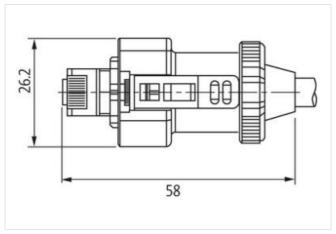
Further cable lengths on request.

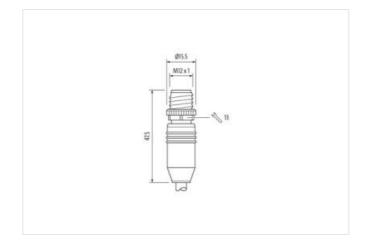
## **Link to Product**

## Illustration

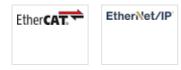








Product may differ from Image





stay connected

Side I         Tightening torque         0.6 Nm           Emaily construction from         M12           Thread         M12 x I           Coding         Y           Width arose flats         SW13           Commercial data           ECLASS-0         27061801           ECLASS-0.1         27060307           ECLASS-0.2         27060307           ECLASS-1.0         27060307           ECLASS-1.1         27060307           ECLASS-1.2         27060307           ECLASS-1.1         27060307           ETM 5.0         Ecologistic Control Con	Cable length	6 m
Family construction from         M12 x 1           Octing         Y           Width across flats         SW13           Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-1.1         27060307           ECLASS-1.2         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           POperating quantity of the colspan="2">270703000000000000000000000000000000000	Side 1	
Tread	Tightening torque	0,6 Nm
Coding         Y           Width aross flats         SW13           Commercial date           ECLASS-6.0         27661801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-10.1         27060307           ECLASS-11.2         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC000830           GTIN         4048879879206           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage ptc contact max.         1,76 A           Operating uronet per signal contact max.         1,76 A           United striat communication         1           Industriat Communication         1           Packaging uronet per signal contact max.         1,76 A           Upper of protection (FN	Family construction form	M12
Width across flats	Thread	M12 x 1
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ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ETM-5.0 ECOMBROW ECLASS-1.1 27060307 ETM-5.0 ECCASS-1.2 27060307 ETM-5.0 ECOMBROW ECLASS-1.2 27060307 ETM-5.0 ECLASS-1.2	Width across flats	SW13
ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         E006030           customs tariff number         85444290           GTIN         4048879679208           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating current per data contact max.         1,76 A           Operating current per signal contact max.         1,76 A           Operating current per signal contact max.         1,76 A           Operating current per signal contact max.         1,76 A           Industrial communication         1           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MB/Is           Industrial communication   Etheret truthomatic         1           duffusiral industrial communication   Etheret truthomatic         1 <tr< td=""><td>Commercial data</td><td></td></tr<>	Commercial data	
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ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27080307           ETIM-5.0         EC000830           usboth staff number         8544290           GTIN         4048879679206           Packaging unit         1           Electrical data   Supphy         Felectrical data   Supphy           Operating voltage AC max.         30 V           Operating current per data contact max.         1,76 A           Operating current per data contact max.         1,76 A           Current operating per contact max.         1,76 A           Industrial communication         Transfer parameters           CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MB/Ibs           Industrial communication   Ethernet functionality           duplex         Full duplex           Device protection   Electrical           Degree of protection   Electrical           Degree of protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         0,5 kV           Material group (IEC 60664-1)         II           Mechanical data   Material data	ECLASS-7.0	27060307
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ETIM-5.0         EC000830           customs tariff number         85444290           GTIN         4048879679206           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating current per data contact max.         0.5 A           Current operating per contact max.         1.76 A           Operating current per signal contact max.         1.76 A           Industrial communication         Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50178-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Full duplex           Device protection   Electrical         Full duplex           Device protection (EN IEC 60529)         IP67           Additional condition protection degree         Inserted, screwed           Pollution Depre         3           Rated surge voitage         0,5 kV           Material group (IEC 60664-1)         II           Mechanical data   Material data         Vibout           Contour for corrugated hose         without           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting	ECLASS-11.1	27060307
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Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,5 kV  Material group (IEC 60664-1) II  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Material housing PUR  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality	duplex	Full duplex
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Material group (IEC 60664-1)  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Material housing PUR  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min20 °C  Additional condition temperature range depending on cable quality		
Mechanical data Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Material housing PUR  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min20 °C  Additional condition temperature range depending on cable quality		
Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Material housing PUR  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality		*
Mechanical data   Material data  Coating locking  Material housing  PUR  Locking material  Zinc die-casting  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -20 °C  Operating temperature max.  80 °C  Additional condition temperature range  depending on cable quality		. 90
Coating locking Nickeled  Material housing PUR  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality		witnout
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Operating temperature min.  -20 °C  Operating temperature max.  80 °C  Additional condition temperature range depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature min.  -20 °C  Operating temperature max.  80 °C  Additional condition temperature range depending on cable quality	Environmental characteristics   Climatic	
Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality	·	-20 °C
Additional condition temperature range depending on cable quality	· · · ·	
Important installation notes	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



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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.
Installation   Cable	
wire arrangement	(green, yellow), (pink, blue), (red, black)
Cable identification	881
Function cable	Hybrid, Data, Power
Jacket Color	green
Type of Certificate	cURus
Amount stranding	3
Stranding	2 wires with Filler twisted
Stranding (type 2)	3 Stranded joints with Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Filler	yes
wire arrangement	(green, yellow), (pink, blue), (red, black)
Material jacket	PVC
Freedom from ingredients (jacket)	lead-free, CFC-free, silicone-free
Outer-diameter (jacket)	6,95 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PE PE
Amount wires	4
Outer diameter insulation	1,03 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
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Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Electrical function wire	Data
Material wire insulation (Power)	PE 100 mm
Outer diameter wire insulation (Power)	1,03 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power)	lead-free, CFC-free, halogen-free
Amount wires (Power)	2
Amount strands wire (Power)	7
Diameter of single wires (Power)	22 AWG
Wire conductor cross section (Power)	22 AWG
Material conductor wire (Power)	copper stranded wire, tinned
Nominal voltage AC max.	30 V
Electrical function wire	Data
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	90 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	55 Ω/km @20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	50000 pF/km
Power frequency withstand voltage (wire - iacket)	0,5 kV @ 60 s
AC withstand voltage (wire - shield)	0,5 kV @ 60 s
Isolation resistance	1000 MΩ × km
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	0 °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: 2024-06-26



Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
No. of bending cycles (C-track)	0,1 Mio.
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	0,5 m/s @ 25 °C