

## **DRIVE CLIQ CABLE**

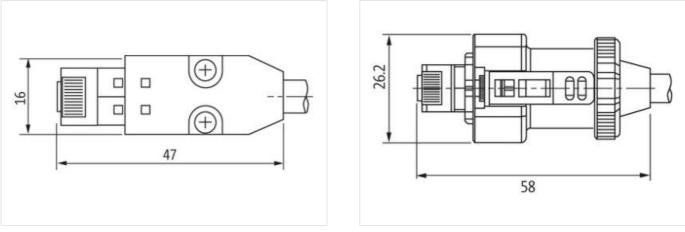
Specification: 6FX8002-2DC10-1BC0

DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires Male straight – male straight DRIVE-CLiQ IP67 – DRIVE CLiQ IP20 Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration





Product may differ from Image

Cable length	12 m	
Side 1		
Mounting method	pluggable	
Side 2		
Mounting method	pluggable	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-7.0	27061801	

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: 2024-05-19

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ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC000830
customs tariff number	85444210
GTIN	4048879523875
Packaging unit	1
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Electrical data   Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating current max.	1,76 A
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP20, IP67
Pollution Degree	3
Rated surge voltage	0,5 kV
Material group (IEC 60664-1)	
Mechanical data   Mounting data	
Looking techniques	DRIVE-CLiQ
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	0° 08
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	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable	
Cable identification	880
Jacket Color	green
Amount stranding	2
Stranding	2 wires twisted
Stranding (type 2)	2 wires around Stranding combination twisted
Cable shielding (type)	copper braiding, bare
Cable shielding (coverage)	85 %
wire arrangement Cable weigth	green, yellow, pink, blue, red, black
8	75,9 g/m
Material jacket	PUR
Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	Polyolefin
Amount wires	4
Conductor crosssection (wire)	0,2 mm²
Material wire insulation (Data)	
	Polyolefin
Amount wires (Data)	2
Conductor crosssection wire (Data)	
Conductor crosssection wire (Data) Min. operating temperature (static)	2 0,38 mm <sup>2</sup> -20 °C
Conductor crosssection wire (Data)	2 0,38 mm <sup>2</sup> -20 °C 80 °C
Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	2 0,38 mm <sup>2</sup> -20 °C 80 °C -20 °C
Conductor crosssection wire (Data) Min. operating temperature (static) Max. operating temperature (fixed)	2 0,38 mm <sup>2</sup> -20 °C 80 °C

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chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing   DIN EN 60811-404	
Bending radius (installation)	x Outer diameter	
Bending radius (fixed)	x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	5 Mio.	
Torsion stress	± 30 °/m	

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