

## **DRIVE CLIQ CABLE**

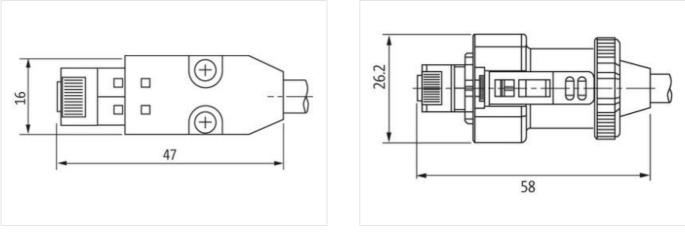
Specification: 6FX8002-2DC10-1BF5

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	15,5 m	
Side 1		
Mounting method	pluggable	
Side 2		
Mounting method	pluggable	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-6.1	27060307	

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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ECLASS-8.0 27060307	
ECLASS-9.0 27060307	
ECLASS-10.1 27060307	<u> </u>
ECLASS-11.1 27060307	
ECLASS-12.0 27060307	<u> </u>
ETIM-5.0 EC000830	
customs tariff number 85444210	
GTIN 4048879541084	
Packaging unit 1	
Electrical data   Supply	
Operating voltage AC max. 30 V	
Operating voltage DC max. 30 V	
Operating current max. 1,76 A	<u> </u>
Device protection   Electrical	
Degree of protection (EN IEC 60529) IP20, IP67	
Pollution Degree 3	
	<u> </u>
Rated surge voltage     0,5 kV       Material group (IEC 60664-1)     II	<u> </u>
Mechanical data   Mounting data	
Looking techniques DRIVE-CLiQ	
Environmental characteristics   Climatic	
Operating temperature min20 °C	
Operating temperature max. 80 °C	
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 %	<u> </u>
wire arrangement green, yellow, pink, blue, red, black	<u> </u>
Cable weigth 75,9 g/m	
Material jacket PUR	
Outer-diameter (jacket) 6,9 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation     Polyolefin	
Material wire insulation Polyolefin	
Material wire insulation Polyolefin   Amount wires 4   Conductor crosssection (wire) 0,2 mm²   Material wire insulation (Data) Polyolefin	
Material wire insulationPolyolefinAmount wires4Conductor crosssection (wire)0,2 mm²	
Material wire insulation Polyolefin   Amount wires 4   Conductor crosssection (wire) 0,2 mm²   Material wire insulation (Data) Polyolefin	
Material wire insulationPolyolefinAmount wires4Conductor crosssection (wire)0,2 mm²Material wire insulation (Data)PolyolefinAmount wires (Data)2	
Material wire insulationPolyolefinAmount wires4Conductor crosssection (wire)0,2 mm²Material wire insulation (Data)PolyolefinAmount wires (Data)2Conductor crosssection wire (Data)0,38 mm²	
Material wire insulationPolyolefinAmount wires4Conductor crosssection (wire)0,2 mm²Material wire insulation (Data)PolyolefinAmount wires (Data)2Conductor crosssection wire (Data)0,38 mm²Min. operating temperature (static)-20 °C	

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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	
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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