

## **DRIVE CLIQ CABLE**

Specification: 6FX8002-2DC10-1BA5

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

Male straight – male straight DRIVE-CLiQ IP67 – DRIVE CLiQ IP20

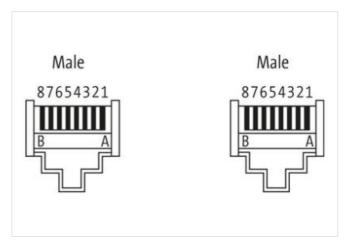
Further cable lengths on request.

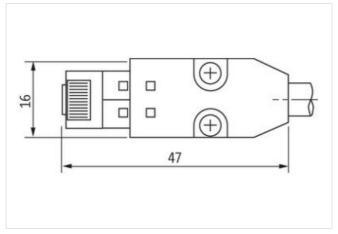
The resistance to aggressive media should be individually tested for your application. Further details on request.

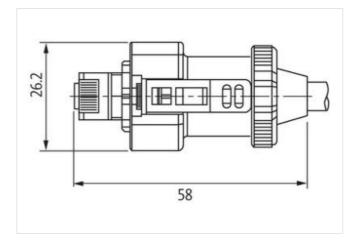
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	10,5 m
Side 1	
Mounting method	pluggable
Family construction form	RJ45
Side 2	
Mounting method	pluggable
Commercial data	
ECLASS-6.0	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: 2024-05-21



ECLASS-7.0 27061801 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 4048879541060 Packaging unit Electrical data | Supply Operating voltage AC max. 30 V 30 V Operating voltage DC max. 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) Ш Mechanical data | Mounting data Looking techniques DRIVE-CLiQ Environmental characteristics | Climatic Operating temperature min. -20 °C 80 °C Operating temperature max. 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Installation | Cable wire arrangement green, yellow, pink, blue, red, black Cable identification Jacket Color green Amount stranding 2 Stranding 2 wires twisted Stranding (type 2) 2 wires around Stranding combination twisted copper braiding, bare Cable shielding (type) Cable shielding (coverage) 85 % wire arrangement green, yellow, pink, blue, red, black Cable weigth 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 mm<sup>2</sup> Material wire insulation (Data) Polyolefin Amount wires (Data) 2 Conductor crosssection wire (Data) 0,38 mm<sup>2</sup> Min. operating temperature (static) -20 °C 80 °C Max. operating temperature (fixed)

Operating temperature min. (dynamic)

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-20 °C



Operating temperature max. (dynamic)	60 °C
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
No. of bending cycles (C-track)	5 Mio.
Torsion stress	± 30 °/m