

**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

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

**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)	II

**Mechanical data | Mounting data**

Looking techniques	DRIVE-CLiQ
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**Environmental characteristics | Climatic**

Operating temperature min.	-20 °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	<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**

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	green, yellow, pink, blue, red, black
Cable weight	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)	0,38 mm²
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-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
Travel speed (C-track)	5 Mio.
Torsion stress	± 30 °/m