

DRIVE CLIQ CABLE

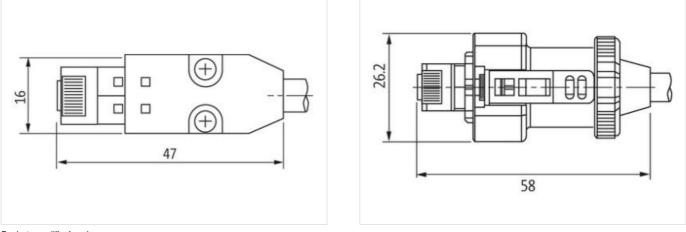
Specification: 6FX8002-2DC10-1BA5

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	

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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	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	
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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
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	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
Installation Cable wire arrangement	green, yellow, pink, blue, red, black
	green, yellow, pink, blue, red, black 880
wire arrangement	
wire arrangement Cable identification	880
wire arrangement Cable identification Jacket Color	880 green
wire arrangement Cable identification Jacket Color Amount stranding	880 green 2
wire arrangement Cable identification Jacket Color Amount stranding Stranding	880 green 2 2 wires twisted
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 %
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 %
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin 4
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin 4 0,2 mm ²
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin 4 0,2 mm² Polyolefin
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin 4 0,2 mm² Polyolefin 2
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (Data)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin 4 0,2 mm² Polyolefin 2 0,38 mm²
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material wire insulation (Data) Amount wires (Data) Conductor crosssection wire (bata) Min. operating temperature (static)	880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black 75,9 g/m PUR 6,9 mm ± 5 % Polyolefin 4 0,2 mm² Polyolefin 2 0,38 mm² -20 °C

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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

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