

DRIVE CLIQ CABLE

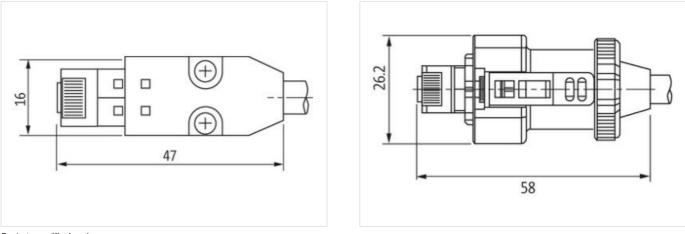
Specification: 6FX5002-2DC10-1BA0

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 m		
Side 1			
Mounting method	pluggable		
Side 2			
Mounting method	pluggable		
Commercial data			
ECLASS-6.0	27061801		
ECLASS-7.0	27061801		
EGLA33-7.0	27001801		

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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	4048879506472	
Packaging unit	1	
Electrical data Supply		
Operating voltage AC max.	30 V	
Operating voltage DC max.	30 V	
Operating current max.	1,76 A	
	1,70 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	
Environmental characteristics Climatic		
Operating temperature min.	-20 °C	
Operating temperature max.	2° 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		
STOOW style jacket	Hybrid, Data, Power	
Cable identification	881	
Jacket Color	green	
Type of Certificate	cURus	
Amount stranding	3	
Stranding	2 wires with Filler twisted	
Stranding (type 2)	3 Stranded joints with Filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	85 %	
Filler	yes	
wire arrangement	(green, yellow), (pink, blue), (red, black)	
Material jacket	PVC	
Freedom from ingredients (jacket)	lead-free, CFC-free, silicone-free	
Outer-diameter (jacket)	6,95 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PE	
Amount wires	4	
Outer diameter insulation	1,03 mm	
Outer diameter televence care insulation		
Outer diameter tolerance core insulation	±5%	
Ingredient freeness wire insulation	± 5 % lead-free, CFC-free, halogen-free, silicone-free	
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free	

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Material conductor wire	Stranded copper wire, bare
Electrical function wire	Data
Material wire insulation (Power)	PE
Outer diameter wire insulation (Power)	1,03 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power)	lead-free, CFC-free, halogen-free
Amount strands wire (Power)	7
Diameter of single wires (Power)	22 AWG
Wire conductor cross section (Power)	22 AWG
Material conductor wire (Power)	copper stranded wire, tinned
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	2
Nominal voltage AC max.	30 V
Electrical function wire	Data
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	90 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	55 Ω/km @20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	50000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
AC withstand voltage (wire - shield)	0,5 kV @ 60 s
Loop resistance	1000 MΩ × km
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	0°0
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
Travel speed (C-track)	0,1 Mio.

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