

## **DRIVE CLIQ CABLE**

Specification: 6FX8002-2DC10-1BK0

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

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

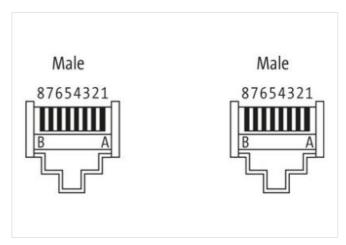
Further cable lengths on request.

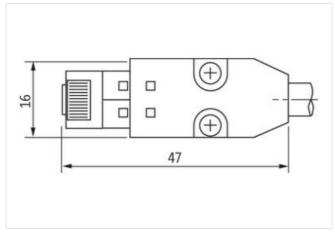
The resistance to aggressive media should be individually tested for your application. Further details on request.

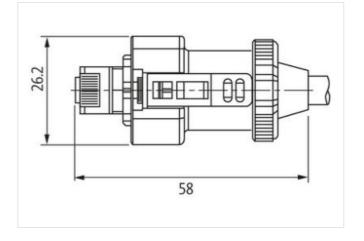
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	19 m
Side 1	
Mounting method	pluggable
Family construction form	RJ45
Side 2	
Mounting method	pluggable
Commercial data	
ECLASS-6.0	27061801



stay connected

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	4048879479103
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	
	IDOO IDOO
Degree of protection (EN IEC 60529)  Pollution Degree	IP20, IP67 3
	0.5 kV
Rated surge voltage  Material group (IEC 60664-1)	U,5 KV
	"
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	
Important installation notes  Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
•	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 endangered by excessive bending forces.
Note on strain relief	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on strain relief  Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on strain relief  Note on bending radius  Installation   Cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880 green
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880 green 2
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880 green 2 2 wires twisted
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding  Stranding (type 2)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880 green 2 2 wires twisted 2 wires around Stranding combination twisted
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding  Stranding (type 2)  Cable shielding (type)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding  Stranding (type 2)  Cable shielding (type)  Cable shielding (coverage)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 %
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding  Stranding (type 2)  Cable shielding (type)  Cable shielding (coverage)  wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black  880  green  2  2 wires twisted  2 wires around Stranding combination twisted  copper braiding, bare  85 %  green, yellow, pink, blue, red, black
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding  Stranding (type 2)  Cable shielding (type)  Cable shielding (coverage)  wire arrangement  Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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
Note on strain relief  Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Jacket Color  Amount stranding  Stranding  Stranding (type 2)  Cable shielding (type)  Cable shielding (coverage)  wire arrangement  Cable weigth  Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black  880  green  2 wires twisted  2 wires around Stranding combination twisted  copper braiding, bare  85 %  green, yellow, pink, blue, red, black  75,9 g/m  PUR
Note on strain relief  Note on bending radius  Installation   Cable  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)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black  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
Note on strain relief  Note on bending radius  Installation   Cable  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)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black  880  green  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 %
Note on strain relief  Note on bending radius  Installation   Cable  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	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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
Note on strain relief  Note on bending radius  Installation   Cable  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	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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
Note on strain relief  Note on bending radius  Installation   Cable  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)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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
Note on strain relief  Note on bending radius  Installation   Cable  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)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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
Note on strain relief  Note on bending radius  Installation   Cable  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)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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
Note on strain relief  Note on bending radius  Installation   Cable  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)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  green, yellow, pink, blue, red, black 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

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: 2024-06-23



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