

DRIVE CLIQ CABLE

Specification: 6FX8002-2DC10-1DF0

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

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

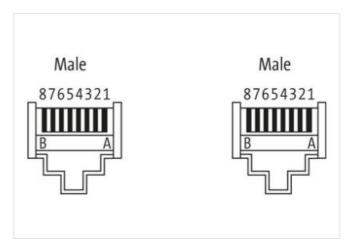
Further cable lengths on request.

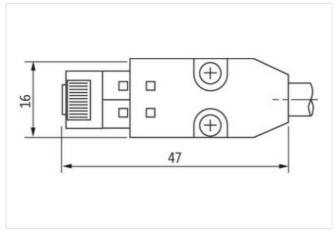
The resistance to aggressive media should be individually tested for your application. Further details on request.

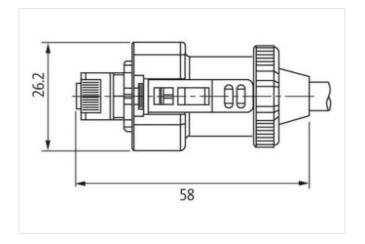
Link to Product

Illustration









Product may differ from Image

Cable length	35 m
Side 1	
Mounting method	pluggable
Side 2	
Mounting method	pluggable
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307



stay connected

ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC000830
customs tariff number	85444210
GTIN	404887955821
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.	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.
011 011 011 101101	Frotect 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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
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. 880
Note on bending radius Installation Cable 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.
Note on bending radius Installation Cable 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. 880 green 2
Note on bending radius Installation Cable 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. 880 green 2 2 wires twisted
Note on bending radius Installation Cable 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. 880 green 2 2 wires twisted 2 wires around Stranding combination twisted
Note on bending radius Installation Cable 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. 880 green 2 2 wires twisted
Installation Cable 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. 880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 %
Note on bending radius Installation Cable 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. 880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 % green, yellow, pink, blue, red, black
Note on bending radius Installation Cable 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. 880 green 2 2 wires twisted 2 wires around Stranding combination twisted copper braiding, bare 85 %
Installation Cable 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. 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
Installation Cable 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. 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
Installation Cable 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. 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 %
Installation Cable 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. 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
Installation Cable 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. 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
Installation Cable 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. 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
Installation Cable 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. 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
Installation Cable 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. 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
Installation Cable 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. 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
Installation Cable 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) Min. operating temperature (static)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. 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
Installation Cable 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) Min. operating temperature (fixed)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. 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 80 °C
Installation Cable 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) Min. operating temperature (static)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. 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

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: 2024-05-19



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