

## **DRIVE CLIQ CABLE**

Specification: 6FX8002-2DC10-1BK5

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

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

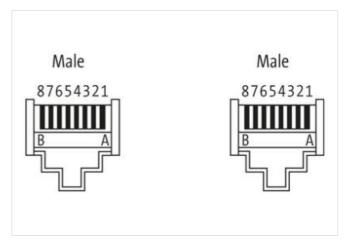
Further cable lengths on request.

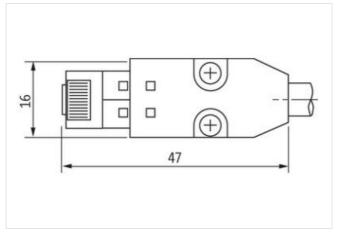
The resistance to aggressive media should be individually tested for your application. Further details on request.

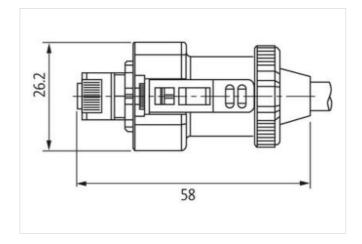
## **Link to Product**

## Illustration









Product may differ from Image

| Cable length             | 19,5 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   | 4048879541053  |
| 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<br>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   |
| 1 3-   |  |
| Important installation notes   |  |
|  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  |
| Important installation notes   | 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.  |
| Important installation notes  Note on strain relief  | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |
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| Important installation notes  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.   |
| Important installation notes  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  |
| Important installation notes  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  |
| Important installation notes  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  |
| Important installation notes  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  |
| Important installation notes  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  |
| Important installation notes  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   |
| Important installation notes  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   |
| Important installation notes  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 %  |
| Important installation notes  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  |
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| Important installation notes  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 %                                   |
| Important installation notes  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                                 |
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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   |