

DRIVE CLIQ CABLE

Specification: 6FX8002-2DC10-1BH0

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 17 m

Side 1

Mounting method pluggable

Side 2

Mounting method pluggable

Commercial data

ECLASS-6.0 27061801

ECLASS-7.0 27061801

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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 | 4048879501286 |
| Packaging unit | 1 |

Electrical data | Supply

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|---------------------------|--------|
| 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

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| Looking techniques | DRIVE-CLiQ |
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Environmental characteristics | Climatic

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| Operating temperature min. | -20 °C |
| Operating temperature max. | 80 °C |
| Additional condition temperature range | depending on cable quality |

Important installation notes

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| 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

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|--------------------------------------|---|
| Cable identification | 880 |
| Jacket Color | green |
| Amount stranding | 2 |
| Stranding | 2 wires twisted |
| Stranding (type 2) | 2 wires around Stranding combination twisted |
| Cable shielding (type) | copper braiding, bare |
| Cable shielding (coverage) | 85 % |
| wire arrangement | green, yellow, pink, blue, red, black |
| Cable weight | 75,9 g/m |
| Material jacket | PUR |
| Outer-diameter (jacket) | 6,9 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | Polyolefin |
| Amount wires | 4 |
| Conductor crosssection (wire) | 0,2 mm² |
| Material wire insulation (Data) | Polyolefin |
| Amount wires (Data) | 2 |
| Conductor crosssection wire (Data) | 0,38 mm² |
| Min. operating temperature (static) | -20 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 60 °C |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |

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|-------------------------------|--|
| 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 |