

DRIVE CLIQ CABLE

Specification: 6FX5002-2DC10-1DA0

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

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

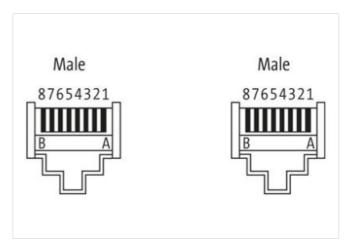
Further cable lengths on request.

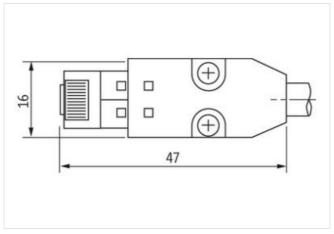
The resistance to aggressive media should be individually tested for your application. Further details on request.

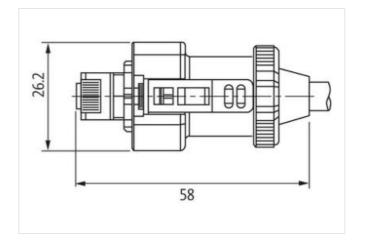
Link to Product

Illustration









Product may differ from Image

| Cable length | 30 m |
|-----------------|-----------|
| Side 1 | |
| Mounting method | pluggable |
| Side 2 | |
| Mounting method | pluggable |
| Commercial data | |
| ECLASS-6.0 | 27061801 |
| ECLASS-7.0 | 27061801 |



stay connected

| 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 | 4048879734196 |
| 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 | |
| Degree of protection (EN IEC 60529) | IP20, IP67 |
| Pollution Degree | 3 |
| Rated surge voltage | 0,5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Mounting data | |
| Looking techniques | DRIVE-CLIQ |
| | Dilive-only |
| Environmental characteristics Climatic | |
| Operating temperature min. | -20 °C |
| Operating temperature max. | 80 °C |
| Additional condition temperature range | depending on cable quality |
| Immortant installation nation | |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
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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: 2024-05-21



| 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) | 80 °C |
| Operating temperature min. (dynamic) | 0 °C |
| 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. |