

DriveCliq-Cable

Specification: 6FX5002-2DC30-1AJ0

Ethernet CAT5

Female straight – male straight

DRIVE-CLiQ IP20

M12, 8-pole

partly used

shielded

without cable sleeves

Further cable lengths on request.

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

Plastic housings with good resistance against chemicals and oils.

Link to Product

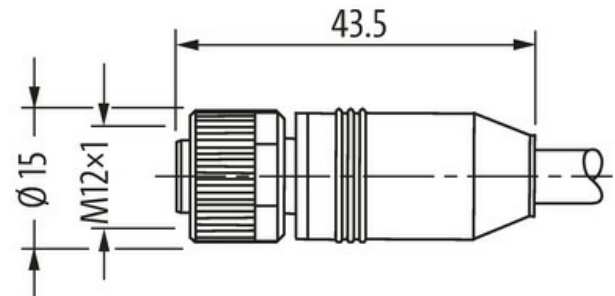
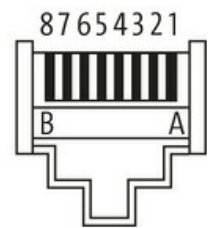
Illustration



Female



Male



Product may differ from Image

EtherNet/IP

EtherCAT

Form

Form SS071

Technical Data

| | |
|-------------------------------|--|
| Operating voltage | max. 30 V AC/DC |
| Rated surge voltage | 0.5 kV |
| Operating current per contact | max. 1.76 A |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate | up to 100 Mbit/s full duplex |
| Material group | IEC 60664-1, category II |

| | |
|---|--|
| Coding | A-coded |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP67 (M12) - IP20 (DRIVE-CLiQ) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal Ø) | without |

General data

| | |
|-------------------|--|
| Pollution Degree | 3 |
| Temperature range | -20...+80 °C, depending on cable quality |

Cables

| | |
|----------------------------|---------------------------|
| No./diameter of wires | 2× 2× AWG24 + 1× 2× AWG22 |
| Wire isolation | PE (gnye, pkbl, rdbk) |
| C-track properties | 0.1 Mio. |
| Outer Ø | 6.9 mm ±5% |
| Cable number | 881 |
| Shield | yes |
| Jacket Color | green |
| Temperature range (fixed) | -20...+70 °C |
| Temperature range (mobile) | -5...+70 °C |
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 20× outer Ø |
| Torsion stress | ±30°/m |
| Material (jacket) | PVC (UL/CSA) |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879787581 |
| eClass | 27061801 |
| Packaging unit | 1.000 |