

**Drive Cliq IP20 / M12 female 0° shielded 8p.**

Specification: 6FX8002-2DC30-1BK0

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× 0.20 + 1× 2× 0.38
Wire isolation	PO (gnye, pkbl, rdbk)
C-track properties	5 Mio.
Outer Ø	6.9 mm ±5%
Cable number	880
Shield	yes
optical shield cover	min. 85%
Material (jacket)	PUR
Jacket Color	green
Temperature range (fixed)	-20...+80 °C
Temperature range (mobile)	-20...+60 °C
Bend radius (moving)	10× outer Ø
Torsion stress	±30°/m
Material (jacket)	PUR (UL/CSA)

**Commercial data**

country of origin	DE
customs tariff number	85444210
EAN	4048879744256
eClass	27061801
Packaging unit	1.000