

## MOTION CONNECT 500

### MLFB-Ordering data

6FX5002-2DC10-1AF0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Figure similar

### Electrical data

Design of the sensor Motor encoder DRIVE-CLiQ

Test voltage, rms Signal conductors 500 V

Rated voltage U0/U in accordance with EN 50395 Power conductors 30 V

### Mechanical data

Type of connection cable engine side DRIVE-CLiQ RJ45

Type of connection cable converter side DRIVE-CLiQ RJ45

Maximum cable outer diameter 7.1 mm

Smallest bending radius (fixed installation) 35 mm

Smallest bending radius (flexible installation) 125 mm

Number of bends, max. 100,000

Maximum traversing velocity 30 m/min

Acceleration horizontal, max 2 m/s<sup>2</sup>

Tensile stress, max. Fixed installation 80 N/mm<sup>2</sup>

Tensile stress, max. Flexible installation 30 N/mm<sup>2</sup>

Torsional stress Absolute 30°/m

Length 5.0 m

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Figure similar

Technical data

Ambient temperature

|   |                                 |
|---|---------------------------------|
| Operation with permanently installed cable              | -20 ... 80 °C                   |
| Operation with moving cable                             | 0 ... 60 °C                     |
| Storage   | -20 ... 80 °C                   |
| Kind of connection cable                                | Basis cable                     |
| Material of the cable sheath                            | PVC DESINA-Color green RAL 6018 |
| Type of insulation                                      | Without CFC and silicone        |
| Standard for behavior in fire: flame resistance         | EN 60332-1-1 to 1-3             |
| Oil resistance  | EN 60811-2-1 (mineral oil only) |
| Verification of suitability as authorisation for USA    | UL STYLE 2502                   |
| Verification of suitability as authorisation for Canada | CSA-N.210.2-M90                 |