



Figure similar

MOTION CONNECT 500

Article No. : 6FX5002-2DC10-1KC0

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

| 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                            | RJ45 DRIVE-CLiQ                 |
| 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/s²                          |
| Tensile stress, max. Fixed installation                         | 80 N/mm²                        |
| Tensile stress, max. Flexible installation                      | 30 N/mm²                        |
| Torsional stress                                                | Absolute 30°/m                  |
| Length                                                          | 92.0 m                          |
| 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                 |