

MOTION CONNECT 500

MLFB-Ordering data

6FX5002-2CA31-2BA0



Figure similar

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

Item no. :  
Consignment no. :  
Project :

| Electrical data                                                 |       |
|-----------------------------------------------------------------|-------|
| Design of the sensor                                            |       |
| 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            |                |
| Type of connection cable converter side         |                |
| Maximum cable outer diameter                    |                |
| Smallest bending radius (fixed installation)    | null           |
| Smallest bending radius (flexible installation) |                |
| Number of bends, max.                           |                |
| Maximum traversing velocity                     |                |
| Acceleration horizontal, max                    |                |
| Tensile stress, max. Fixed installation         |                |
| Tensile stress, max. Flexible installation      |                |
| Torsional stress                                | Absolute 30°/m |
| Length                                          |                |



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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

|                                                      |                                 |
|------------------------------------------------------|---------------------------------|
| 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 |                                 |

Verification of suitability as authorisation for Canada