

MOTION CONNECT 300

MLFB-Ordering data

6FX3002-2DB10-1AD0



Figure similar

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

Item no. :  
Consignment no. :  
Project :

| Electrical data                                                 |                             |
|-----------------------------------------------------------------|-----------------------------|
| No. of cores x cross-section mm²                                | 3 x 2 x 0.22 + 2 x 2 x 0.25 |
| Test voltage, rms Power conductors                              | 500 V                       |
| Rated voltage U0/U in accordance with EN 50395 Power conductors | 30 V/30 V                   |

| Mechanical data                                 |                                                                                                          |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Smallest bending radius (fixed installation)    | 6 x diameter                                                                                             |
| Smallest bending radius (flexible installation) | 155mm                                                                                                    |
| Number of bends, max.                           | 1,000,000                                                                                                |
| Tensile stress, max. Fixed installation         | 50 N/mm²                                                                                                 |
| Tensile stress, max. Flexible installation      | 20 N/mm²                                                                                                 |
| Torsional stress                                | Absolute 30°/m                                                                                           |
| Connection type                                 | Angular connector (cable outlet direction rotatable in fixed increments, connector disassembly required) |

Length

3.0 m

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Figure similar

|                |
|----------------|
| Technical data |
|----------------|

Ambient temperature

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Operation with permanently installed cable      | -25 ... 80 °C                    |
| Kind of connection cable                        | Encoder cable (absolute encoder) |
| Material of the cable sheath                    | PVC                              |
| Type of insulation                              | PVC                              |
| Degree of protection                            | IP65                             |
| 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, CE marking         | No                               |
| Verification of suitability, UL approval        | No                               |
| Verification of suitability, RoHS conformity    | Yes                              |