



Figure similar

Data sheet for MOTION CONNECT 350 / 380

Article No. : 6FX3502-2XB12-1BF0

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 0.25 |
| Test voltage, rms Power conductors                              | 500 V        |
| Holding brake                                                   |              |
| Rated voltage U0/U in accordance with EN 50395 Power conductors | 30 V         |

| Mechanical data                                 |                                                                           |
|-------------------------------------------------|---------------------------------------------------------------------------|
| Smallest bending radius (fixed installation)    | 4 × Cable outer diameter                                                  |
| Smallest bending radius (flexible installation) | 7.5 × Cable outer diameter                                                |
| Number of bends, max.                           | 1,000,000                                                                 |
| Tensile stress, max. Fixed installation         | 50 N/mm² (7252 lbf/in²)                                                   |
| Tensile stress, max. Flexible installation      | 20 N/mm² (2901 lbf/in²)                                                   |
| Torsional stress                                | Absolute 30°/m                                                            |
| Connection type                                 | Circular connector (cable outlet direction rotatable in fixed increments) |
| Length                                          | 15.0 m                                                                    |
| Weight (without connector)                      | 1.0 kg                                                                    |

| Technical data                                  |                                 |
|-------------------------------------------------|---------------------------------|
| Ambient temperature                             |                                 |
| Operation with permanently installed cable      | -20 ... 80.0 °C                 |
| Kind of connection cable                        | Encoder cable                   |
| Material of the cable sheath                    | PVC                             |
| Type of insulation                              | CFC/silicone-free               |
| 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         | Yes                             |
| Verification of suitability, UL approval        | Yes                             |
| Verification of suitability, RoHS conformity    | Yes                             |