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## MOTION CONNECT 300



Figure similar

**MLFB-Ordering data** **6FX3002-2CT12-1BF0**

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 0.20 + 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 | Straight connector (fixed cable outlet direction) |
| Length | 15.0 m |

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Figure similar

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## Technical data

### Ambient temperature

| | |
|---|---|
| Operation with permanently installed cable | -25 ... 80 °C |
| Kind of connection cable | Encoder cable (incremental 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 |