

## Data sheet for MOTION CONNECT 350 / 380

Article No. : 6FX3802-2XB11-1AH0



Figure similar

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

Item no. :  
Consignment no. :  
Project :

### Electrical data

No. of cores x cross-section mm<sup>2</sup> 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 x Cable outer diameter

Smallest bending radius (flexible installation) 7.5 x Cable outer diameter

Number of bends, max. 5,000,000

Tensile stress, max. Fixed installation 50 N/mm<sup>2</sup> (7252 lbf/in<sup>2</sup>)

Tensile stress, max. Flexible installation 20 N/mm<sup>2</sup> (2901 lbf/in<sup>2</sup>)

Torsional stress Absolute 30°/m

Connection type Circular connector (cable outlet direction rotatable in fixed increments)

Length 7.0 m

Weight (without connector) 0.4 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 PUR

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