



Figure similar

## Data sheet for MOTION CONNECT 350 / 380

Article No. : 6FX3802-2XB12-1AF0

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 × Cable outer diameter
Smallest bending radius (flexible installation)	7.5 × 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	5.0 m
Weight (without connector)	0.3 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