

## Data sheet for MOTION CONNECT 350 / 380

Article No. : 6FX3802-7CN01-1BA0



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>	4 x 0.75 / 3 x 2 x 0.25
Test voltage, rms Power conductors	Power: 4.0 kV Encoder: 500V
Holding brake	No
Rated voltage U0/U in accordance with EN 50395 Power conductors	1000 V/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	Hybrid connector (Cable outlet NDE)
Length	10.0 m
Weight (without connector)	0.8 kg

### Technical data

#### Ambient temperature

Operation with permanently installed cable	-20 ... 80.0 °C
Kind of connection cable	Dual cable connection
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