

## MOTION CONNECT 300

**MLFB-Ordering data**

**6FX3002-5BK02-1AF0**



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>	2 x 0.75
Test voltage, rms Power conductors	500 V
Rated voltage U <sub>0</sub> /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.	100,000
Tensile stress, max. Fixed installation	50 N/mm <sup>2</sup>
Tensile stress, max. Flexible installation	20 N/mm <sup>2</sup>
Torsional stress	Absolute 30°/m
Connection type	Straight connector (fixed cable outlet direction)
Length	5.0 m



Figure similar

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## Technical data

### Ambient temperature

Operation with permanently installed cable	-25 ... 80 °C
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Kind of connection cable	Brake cable
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Material of the cable sheath	PVC
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Type of insulation	PVC
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Degree of protection	IP20
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Standard for behavior in fire: flame resistance	EN 60332-1-1 to 1-3
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Oil resistance	EN 60811-2-1 (mineral oil only)
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Verification of suitability, CE marking	No
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Verification of suitability, UL approval	No
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Verification of suitability, RoHS conformity	Yes
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