

MOTION CONNECT 800PLUS

MLFB-Ordering data

6FX8002-5CS01-1AE0



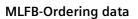
| Client order no. : |
|--------------------|
| Order no. : |
| Offer no. : |
| Remarks : |

ltem no. : Consignment no. : Project :

| Electrical data | | |
|---|--------------|--|
| No. of cores x cross-section mm ² | 4x1.5 C | |
| Test voltage, rms Power conductors | 4 kV | |
| Test voltage, rms Signal conductors | 2 kV | |
| Type with braking lead | No | |
| Rated voltage U0/U in accordance with EN 50395 Power conductors | 600 V/1000 V | |

| Mechanical data | |
|--|---------------------------------------|
| Type of connection cable engine side | Conector full thread |
| Connector size | 1 |
| Type of bolting | n/a (sold by the meter) |
| Type of connection cable converter side | Connector SINAMICS S120 Booksize MoMo |
| Maximum cable outer diameter | 9.5 mm |
| Length | 4.0 m |
| Weight (without connector) | 0.60 kg |
| Static deployment | |
| Smallest bending radius (fixed installation) | 38.0 mm |
| Tensile stress, max. Fixed installation | 50 N/mm² (7252 lbf/in²) |
| Torsional stress | Absolute 30°/m |
| Dynamic deployment | |
| Smallest bending radius(flexible installation in a cable carriers) | 75.0 mm |
| Acceleration horizontal, max | 50 m/s² |
| Maximum traversing velocity | 300 m/min |
| Travel path | 50 m |
| Number of bends, max. | 10,000,000 |
| Tensile load for moving cable, max. | 20 N/mm² (2901 lbf/in²) |





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| Technical data | | |
|---|---|--|
| Ambient temperature | | |
| Operation with permanently installed cable | -50 80 °C | |
| | Module-end power connector 0 55°C, Motor-end power connector -20 80°C | |
| Operation with moving cable | -20 60 °C | |
| | Module-end power connector 0 55°C | |
| Storage | -20 80 °C | |
| | Module-end power connector -20 70°C, Motor-end power connector -20 80°C | |
| Kind of connection cable | Basis cable | |
| Material of the cable sheath | PUR DESINA color orange RAL 2003 | |
| Type of insulation | CFC/halogen/silicone-free | |
| Standard for behavior in fire: flame resistance | EN 60332-1-1 to 1-3 | |
| Oil resistance | EN 60811-2-1 | |
| Verification of suitability as authorisation for USA | UL 758 | |
| Verification of suitability as authorisation for Canada | CSA-C22.2-N.210.2-M90 | |

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.