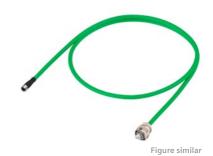


MOTION CONNECT 800PLUS

MLFB-Ordering data

6FX8002-2DC36-1BF0



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

Item no. : Consignment no. : Project :

| Electrical data | |
|-----------------------------------------------------------------|--------------------------|
| Design of the sensor | Motor encoder DRIVE-CLiQ |
| Test voltage, rms Signal conductors | 500 V |
| Rated voltage U0/U in accordance with EN 50395 Power conductors | 30 V |

| Mechanical data | | |
|-------------------------------------------------|---------------------|--|
| Type of connection cable engine side | M12 full thread | |
| Type of connection cable converter side | DRIVE-CLIQ RJ45 | |
| Maximum cable outer diameter | 7.1 mm | |
| Smallest bending radius (fixed installation) | 35 mm | |
| Smallest bending radius (flexible installation) | 75 mm | |
| Number of bends, max. | 10,000,000 | |
| Maximum traversing velocity | 300 m/min | |
| Acceleration horizontal, max | 50 m/s ² | |
| Tensile stress, max. Fixed installation | 50 N/mm² | |
| Tensile stress, max. Flexible installation | 20 N/mm² | |
| Torsional stress | Absolute 30°/m | |
| Length | 15.0 m | |

Page 1 of 2



Standard for behavior in fire: flame resistance

Verification of suitability as authorisation for USA

Verification of suitability as authorisation for Canada

Oil resistance



MLFB-Ordering data

6FX8002-2DC36-1BF0

| Technical data | | |
|--------------------------------------------|--------------------------------------------------------------------|--|
| Ambient temperature | | |
| Operation with permanently installed cable | -50 80 ℃ | |
| | Module- and motor-side RJ45 plug -20°C 80°C, M17 plug -20 80°C | |
| Operation with moving cable | -20 60 °C | |
| Storage | -20 80 °C | |
| | Module- and motor-side RJ45 plug -20°C 80°C, M17 plug -20 80°C | |
| Kind of connection cable | Basis cable | |
| Material of the cable sheath | PUR, HD22.10 S2 (VDE 0282, part 10) DESINA-color green RAL 6018 | |
| Type of insulation | Without CFC and silicone IEC 60754-1/DIN VDE 0472-815 | |
| | | |

Technical data

EN 60332-1-1 to 1-3

EN 60811-2-1

UL STYLE 2502

CSA-N.210.2-M90