

MOTION CONNECT 700

MLFB-Ordering data 6FX7008-1BC41-1BA0



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

Item no. / :  
Consignment no. / :  
Project / :

| General data :        |                               | Mechanical Data :                           |             |
|-----------------------|-------------------------------|---------------------------------------------|-------------|
| Components :          | power cable sold by the meter | Maximum / fixed installation:               | 50.0 N/mm²  |
| Cable / installation: | 4X6+4X0,5C                    | Maximum / moved:                            | 20.0 N/mm²  |
| Cable outer diameter: | 18.3 mm                       | Bending radius / min. / fixed installation: | 73.2 mm     |
| Weight:               | 5.200 kg                      | Bending radius / min. / moved:              | 130.0 mm    |
| Length:               | 10.0 m                        | Stress / torsion:                           | 30.0 °/m    |
| Degree of protection: | no value                      | Bends / 1.5 to 6 mm2:                       | 10000000    |
| Connector size:       | 1.5                           | Bends / 10 to 50 mm2:                       |             |
| Licences :            |                               | Traversing velocity / 1.5 to 6 mm2:         | 200.0 m/min |
|                       |                               | Traversing velocity / 10 to 50 mm2:         | 200.0 m/min |
|                       |                               | Acceleration:                               | 30.0 m/s²   |
|                       |                               |                                             |             |
| Licence / VDE:        | Yes                           |                                             |             |
| Licence / UL/CSA:     | Yes                           |                                             |             |

| Electrical Data DIN VDE 0472 :  |          | Chemical Data :             |                                                                  |
|---------------------------------|----------|-----------------------------|------------------------------------------------------------------|
| Supply lines / VDE:             | 600.0 V  | Insulation material:        | CFC/halogen/silicone-free IEC 60754-1/ DIN VDE 0472-815          |
| Supply lines / UL/CSA:          | 1000.0 V | Resistance to oil:          | EN 60811-2-1                                                     |
| Signal lines / VDE:             | 24.0 V   | Flame-retardant:            | EN 60332-1-1 to 1-3                                              |
| Signal lines / UL/CSA:          | 1000.0 V | Outer shield / power cable: | PUR, HD22.10 S2 (VDE 0282, Part 10) DESINA color orange RAL 2003 |
| Rated voltage Un / signal line: | 30.0 V   |                             |                                                                  |
| Power cable / supply lines:     | 4 kV     | Outer shield / signal line: | PUR, HD22.10 S2 (VDE 0282,Part 10) DESINA color green RAL 6018   |
| Power cable / signal lines:     | 2 kV     |                             |                                                                  |
| Signal line:                    | 500 V    |                             |                                                                  |

| Operating Temperature :    |          | Special design : |
|----------------------------|----------|------------------|
| Fixed installation / min.: | -50.0 °C |                  |
| Fixed installation / max.: | 80.0 °C  |                  |
| Moved / min.:              | -20.0 °C |                  |
| Moved / max.:              | 60.0 °C  |                  |
|                            |          |                  |