SIEMENS

MOTION CONNECT 700

Article No. : **6FX7002-5LM42-1AA5**



Figure similar

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

Item no. :
Consignment no. :
Project :

General data	
Components	Power cable preassembled
Cable / installation	4X2,5C
Cable outer diameter	12.1 mm
Weight	0.250 kg
Length	0.5 m
Degree of protection	IP67
Connector size	1.0

Licences	
Licence / VDE	Yes
Licence / UL/CSA	Yes

Electrical Data DIN VDE 0472	
Supply lines / VDE	600.0 V
Supply lines / UL/CSA	1,000.0 V
Signal conductors / VDE	24.0 V
Signal conductors / UL/CSA	1,000.0 V
Rated voltage Un / signal line	30.0 V
Power cable / supply lines	4 kV
Power cable / signal conductors	2 kV
Signal line	500 V

Operating Temperature	
permanently installed / min.	-50.0 °C
permanently installed / max.	80.0 °C
moving / min.	-20.0 °C
moving / max.	60.0 °C

Mechanical Data	
maximum / permanently installed	50.0 N/mm²
maximum / moving	20.0 N/mm²
Bending radius / min. / permanently installed	48.4 mm
Bending radius / min. / moving	90.0 mm
Stress / torsion	30.0 °/m
Bends / 1.5 to 6 mm2	10,000,000
Bends / 10 to 50 mm2	
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

Chemical Data	
Insulation material	CFC/halogen/silicone-free IEC 60754-1/ DIN VDE 0472-815
Oil resistant	EN 60811-2-1
Flame-retardant	EN 60332-1-1 to 1-3
Outer sheath / power cable	PUR, HD22.10 S2 (VDE 0282, Part 10), DESINA color orange, RAL 2003
Outer sheath / signal line	PUR, HD22.10 S2 (VDE 0282, Part 10) DESINA color green RAL 6018

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens