

## **MOTION CONNECT 800PLUS**

## **MLFB-Ordering data**

6FX8002-8QE21-1BA0

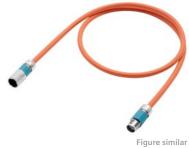


Client order no. :	
Order no. :	
Offer no. :	
Remarks :	

ltem no. : Consignment no. : Project :

Electrical da	ta			
No. of cores x cross-section mm <sup>2</sup>	4x2,5 + 4x0,2 + 2x1,5C C			
Test voltage, rms Power conductors	1.5 kV			
Test voltage, rms Signal conductors	0.5 kV			
Type with braking lead	Yes			
Rated voltage V0/V according to EN 50395	600 V/1000 V			
Mechanical data				
Type of connection cable engine side	Conector SPEED-CONNECT			
Connector size	1 / M23			
Type of bolting	not relevant			
Type of connection cable converter side	Coupling SPEED-CONNECT			
Maximum cable outer diameter	13.6 mm			
Length	10.0 m			
Weight (without connector)	2.20 kg			
Static deployment				
Smallest bending radius (fixed installation)	39.9 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)	99.8 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	-20 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	Extension	
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	