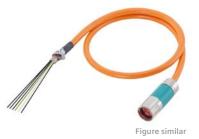


## **MOTION CONNECT 800PLUS**

## **MLFB-Ordering data**

6FX8002-5CS14-1JE0



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

ltem no. : Consignment no. : Project :

Remarks :			
Electrical data			
No. of cores x cross-section mm <sup>2</sup>	4x10 C		
Test voltage, rms Power conductors	4.0 kV		
Test voltage, rms Signal conductors	2.0 kV		
Type with braking lead	No		
Rated voltage V0/V according to EN 50395	600 V/1000 V		
Mechanical data			
Type of connection cable engine side	Conector full thread		
Connector size	3 / M58		
Type of bolting	not relevant		
Type of connection cable converter side	Ring cable lug		
Maximum cable outer diameter	18.2 mm		
Length	84.0 m		
Weight (without connector)	52.08 kg		
Static deployment			
Smallest bending radius (fixed installation)	72.8 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)	140.0 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/mm <sup>2</sup> (2901 lbf/in <sup>2</sup> )		





6FX8002-5CS14-1JE0



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	