

MOTION CONNECT 300

MLFB-Ordering data

6FX3002-2CT10-1AF0



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data

No. of cores x cross-section mm ²	3 x 2 x 0.20 + 2 x 2 x 0.25
Test voltage, rms Power conductors	500 V
Rated voltage U ₀ /U in accordance with EN 50395 Power conductors	30 V/30 V

Mechanical data

Smallest bending radius (fixed installation)	6 x diameter
Smallest bending radius (flexible installation)	155mm
Number of bends, max.	1,000,000
Tensile stress, max. Fixed installation	50 N/mm ²
Tensile stress, max. Flexible installation	20 N/mm ²
Torsional stress	Absolute 30°/m
Connection type	Angular connector (cable outlet direction rotatable in fixed increments, connector disassembly required)
Length	5.0 m

MLFB-Ordering data

6FX3002-2CT10-1AF0



Figure similar

Technical data

Ambient temperature

Operation with permanently installed cable	-25 ... 80 °C
--	---------------

Kind of connection cable	Encoder cable (incremental encoder)
--------------------------	-------------------------------------

Material of the cable sheath	PVC
------------------------------	-----

Type of insulation	PVC
--------------------	-----

Degree of protection	IP65
----------------------	------

Standard for behavior in fire: flame resistance	EN 60332-1-1 to 1-3
---	---------------------

Oil resistance	EN 60811-2-1 (mineral oil only)
----------------	---------------------------------

Verification of suitability, CE marking	No
---	----

Verification of suitability, UL approval	No
--	----

Verification of suitability, RoHS conformity	Yes
--	-----