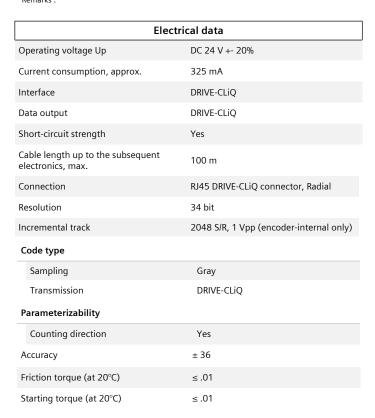


## Data sheet for Absolute encoder

Article No.: 6FX2001-5FD25-0AA1

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



Mechanical data  Speed max.					
					Electrical
Mechanical	10,000 rpm				
Load capacity					
n ≤ 6000 rpm					
- Axial	40 N				
- Radial at shaft end	60 N				
n > 6000 rpm					
- Axial	10 N				
- Radial at shaft end	20 N				
Shaft diameter	6 mm				
Shaft length	10 mm				
Angular acceleration, max.	100,000 rad/s²				
Rotor moment of inertia	0.0000019 kgm²				



Item no. : Consignment no. : Project :

## Vibration and shock

	Vibration (552000 Hz) according to EN 60068-2-6, max	100 m/s <sup>2</sup>			
	6 ms according to EN 60068-2-27, max	1,000 m/s <sup>2</sup>			
E	Degree of protection				
	At housing	IP67			
	At shaft input	IP64			
N	et weight	0.5 kg			

Ambient temperature		
During operation	-20 100 °C	

Standards	
Compliance with standards	CE, cULus
EMC class filter	Tested to DIN EN 50081 and EN 50082