SIEMENS

Data sheet for Absolute encoder

Article No. : 6FX2001-5WP12



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data	
Interface	?PMD_AAA959_001_000 ?
Data output	?PMD_ABV349_001_000 ?
Short-circuit strength	?PMD_AAB980_001_000 ?
Cable length up to the subsequent electronics, max.	
Connection	?PMD_AAA581_001_000 ?, ?PMD_ABQ124_001_000 ?
Resolution	bit
Telegram	?PMD_ABW993_001_000 ?
Code type	
Sampling	?PMD_ABV934_001_000 ?
Transmission	?PMD_ABV935_001_000 ?
Preset	**?PMD_ABV895_001_000 ?**
Resolution per revolution	?PMD_ABV894_001_000 ?
Total resolution	?PMD_ABV898_001_000 ?
Speed signal	?PMD_ABV379_001_000 ?
Clock synchronism	?PMD_ABV475_001_000 ?
Slave-to-slave communication	?PMD_ABV474_001_000 ?
Accuracy	±
Friction torque (at 20°C)	≤
Starting torque (at 20°C)	≤

Mechanical data	
Speed max.	
With ± 1 LSB accuracy	rpm
Mechanical	rpm
Load capacity	
n ≤ 6000 rpm	
- Axial	N
- Radial at shaft end	N
n > 6000 rpm	
- Axial	N
- Radial at shaft end	N
Shaft diameter	mm

Vibration and shock	
Vibration (55...2000 Hz) according to EN 60068-2-6, max	m/s²
6 ms according to EN 60068-2-27, max	m/s²
Degree of protection	
At housing	?PMD_ABV939_001_000 ?
At shaft input	?PMD_ABV938_001_000 ?
Net weight	kg

Ambient temperature	
During operation	... °C

Standards	
Compliance with standards	?PMD_AAA074_001_000 ?
EMC class filter	?PMD_ABV361_001_000 ?

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