

Sendix 58X8 singleturn and multiturn encoder series



Absolute multiturn shaft or blind hollow shaft rotary encoder with a programmable CANopen interface or CANopenLift interface. The optical absolute rotary encoder from Kuebler delivers digitally the sensed position values via an integrated CAN interface including all CANopen

functionalities as well as programmable options.

Main features

- Flange diameter: 58 mm
- Depth: 67/70 mm (fixed terminal cover)
83/86 mm (removable terminal cover)
- Shaft diameter: 6 mm to 10 mm
- Blind hollow shaft diameter: 10 mm to 15 mm
- Protection rating to EN 60529: IP 65 or 67
- Operating temperature range: -40 °C to +80 °C
- Resolution: 16-bit singleturn, 12-bit multiturn
- Max. speed: 12 000 rpm

Electrical data

- Supply voltage: 10 V_{DC} to 30 V_{DC}

Programmable parameters

- Code sequence
- Resolution per revolution
- Total resolution
- Preset value
- Limit switches
- Cycle time
- Diagnostic mode
- Event mode
- Universal Scaling Function (USF)

Contact

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Features

NMT	NMT slave
Error control	Node guarding Heartbeat producer
Boot-up	Yes
Node ID range	-
Node ID	Hardware switch Software switch
CANopen bit-rates	-
Type of bit-rate adjustment	-
RPDOs	No
TPDOs	3
PDO modes	Event-triggered Triggered by event-timer Remotely-requested Synchronous (cyclic) Synchronous (acyclic)
PDO linking	Yes
PDO mapping	

	Variable
SDO server	1
SDO client	No
Emergency producer	Yes
Emergency consumer	No
Sync producer	No
Sync counter	No
Time stamp	Time stamp object consumer
Additional functions	Self-starting device
CANopen version	CiA 301 V 4.0.2
Frameworks	None
Device profiles	CiA 406: CANopen device profile for encoder
Certified	Yes
Availability	In stock