

9080 absolute multiturn encoder series



Absolute multiturn shaft and hollow shaft rotary encoder with a programmable CANopen 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: 90 mm
- Depth: 57 mm
- Hollow shaft diameter: up to 28 mm
- Shaft diameter: 12 mm
- Protection rating to EN 60529: IP65
- Operating temperature range: -20 °C to +80 °C
- Resolution: 25 bit
- Max. speed: 6 000 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

Contact

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For further distributors worldwide, please refer to www.kuebler.com

Features

NMT	NMT slave
Error control	Node guarding Life guarding
Boot-up	Yes
Node ID range	-
Node ID	Hardware switch
CANopen bit-rates	-
Type of bit-rate adjustment	-
RPDOs	No
TPDOs	3
PDO modes	Event-triggered Remotely-requested 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	No
Additional functions	None
CANopen version	CiA 301 V 3.0
Frameworks	None
Device profiles	CiA 406: CANopen device profile for encoders
Certified	No
Availability	In stock