

Absolute encoder series GXP5W

□ Absolute encoder family GXP5W by Baumer features an optical sensing method with an absolute accuracy of 0,025°. The interface is available as CANopen® and CANopen®-Lift. It provides maximum resistance against magnetic fields and a permanent check of code continuity. An integrated LED indicates the status. The operation temperature range is -25 °C to +85 °C and its sealed version is IP 65 proof.

Technical data

Size (flange):	∅ 58 mm
Shaft type:	∅ 10 mm solid shaft (clamping flange) ∅ 6 mm solid shaft (synchro flange)
Flange:	Clamping or synchro flange
Protection DIN EN 60529:	IP 54 (without shaft seal) IP 65 (with shaft seal)
Material:	Housing: steel Flange: aluminium
Operating temperature:	-25 °C to +85 °C
Voltage:	10 V _{DC} to 30 V _{DC}
Interface:	CANopen® CANopen®-Lift
Steps per turn:	≤ 8192 / 13 bit
Number of turns:	≤ 65536 / 16 bit
Sensing method:	Optical Optical modes
Programmable parameters:	Total resolution Scaling Rotation speed monitoring

Contact

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Features

No features listed.