

600-128-C24

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Overview

600 Series optical encoder, 128 pulse per revolution, 2-square wave, PC terminal type C-24, vertical mounting, mounting hardware included.
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Technical Specifications

Product	600-128-C24	Encoder Type	Optical
Pulse Per Revolution	128	Output	2-square wave, Channel A leads Channel B by 90° electrically in counterclockwise direction
Output Voltage	2.4 Vdc min. (high); 0.4 Vdc max. (low)	Operating Temperature	-40 °C to 65 °C [-40 °F to 149 °F]
Storage Temperature	-55 °C to 110 °C [-67 °F to 230 °F]	Rotational Life	10 million shaft rotations, min.
Operating Speed	300 RPM max.	Terminal	PC type C-24, vertical mount, 4-pin, gold-plated

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Documents

TITLE	DOCUMENT TYPE	LANGUAGE	SIZE
Position Sensors Line Guide	Product Line Guide	English	617KB
600 Series Optical Encoders Datasheet	Datasheet	English	1MB
600 Series Optical Encoders Installation Instructions	Installation Instructions	English	774KB
600 Series. 600-128-C24 highres photo	Photo	--	480KB

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Product Features

- Non-contact technology, with a minimum of 10 million shaft rotations: Promotes long life in the application
- Digital voltage output: May eliminate the need for analog to digital converters, contributes to a more cost-effective solution

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- TTL-compatible output: Prevents triggering of false highs/lows due to ambient noise
- Wide operating temperature range of -40 °C to 65 °C [-40 °F to 149 °F]: Promotes flexibility in the applications
- Choice of mounting terminations: Designed to provide mounting flexibility

Applications

Industrial:

- Motor control
- Flow control
- Robotics
- Computer peripherals
- Welding equipment

Medical:

- Portable diagnostic equipment (i.e., EKG, ultrasound)
- Home health care respiratory equipment
- Surgical equipment
- Precision joysticks

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