

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

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## Documents

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

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### 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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