Optical Incremental Encoder for Brushed DC Motors

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EFFECTIVE AND RELIABLE ENCODER

- 5V DC to 24V DC power supply
- 2 channels at 90° ±20° (electrical)
- Open collector outputs, max 5 mA, 1.5 kHz
- 2-4-8-12-24 pulses per round
OVERVIEW

Optical incremental encoder for DC motors with open collector outputs. It can work with a wide supply voltage range and can be configured with different resolutions.

POWER SUPPLY
Voltage: 5...24V DC
Quiescent current: 40mA @12V DC

OUTPUT CONFIGURATION
2 channels at 90° (electrical)
Open collector + pull-up 6.2kOhm

OUTPUT RATINGS
Max current: 5 mA
Max frequency: 1.5 kHz

PROTECTIONS
Supply reverse polarity
Output short-circuit

RESOLUTIONS
Standard: 12 PPR
On request: 2 - 4 - 8 - 24 PPR

FULL SPECIFICATIONS

TeMec Drive Srl reserves the right to change products information and/or features without notice. All data contained in this document are purely indicative and not binding for the company.