

DC MOTOR PICK-UP SENSORS

NEW

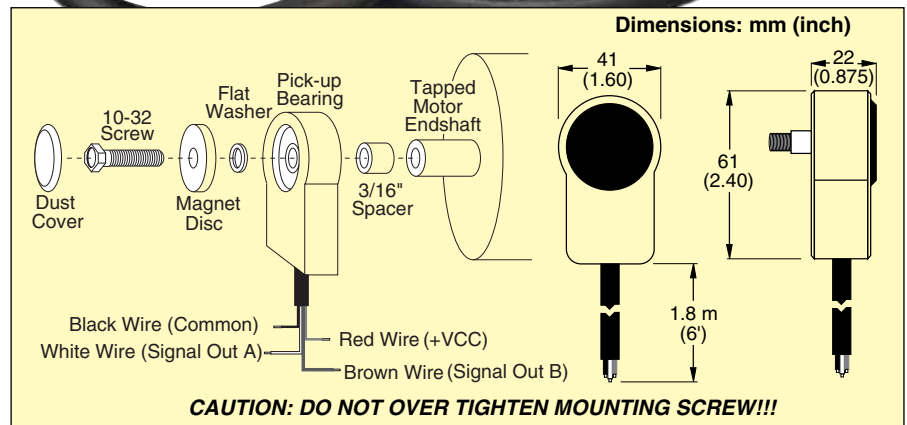
For Encoder Capable DC Motors, Visit omega.com/ompm-dce

**OMDC-PU-E/
OMDC-PU-R
Series**



OMDC-PU-2E, shaft mounted pick-up sensor with 1 pulse per revolution, shown close to actual size.

- Mounts Directly on Shaft Being Monitored
- 5000 Rpm or 50,000 Pulses/Minute
- Supply Voltage 4.5 to 24 Vdc
- Square Wave Output, Signal Equals Supply Voltage: 5 to 24 Vdc Supply Voltage (Current Sink: 50 mA Absolute Maximum)
- Operating Temperature: -10 to 45°C (14 to 113°F)
- Stainless Steel Ball Bearing



The OMDC-PU-E pick-up sensor is an economical and reliable way to monitor motor speed. Its unique design provides ease of installation in otherwise difficult to reach areas. The OMDC-PU-E pick-up sensor operates at a 5 to 24 volt level producing a sharp square wave output, which may be fed into tachometer, closed-loop control, counter, or any other digital device. The OMDC-PU-E pick-up series also includes a quadrature model to monitor both motor speed and direction by providing two square wave output signals 81° out-of-phase.

To Order Visit omega.com/omdc-pu-e for Pricing and Details

MODEL NO.	DESCRIPTION
OMDC-PU-2E	NPN pick-up sensor, 1 pulse per revolution
OMDC-PU-4E	NPN pick-up sensor, 2 pulse per revolution
OMDC-PU-20E	NPN pick-up sensor, 10 pulse per revolution
OMDC-PU-40E	NPN pick-up sensor, 20 pulse per revolution
OMDC-PU-20EQUAD	NPN quadrature pick-up sensor, 10 pulse per revolution
OMDC-PU-2R	NPN pick-up sensor, 1 pulse per revolution, outdoor use
OMDC-PU-4R	NPN pick-up sensor, 2 pulses per revolution, outdoor use
OMDC-PU-20R	NPN pick-up sensor, 10 pulses per revolution, outdoor use
OMDC-PU-40R	NPN pick-up sensor, 20 pulses per revolution, outdoor use
OMDC-PU-20RQUAD	NPN quadrature pick-up sensor, 10 pulses per revolution, outdoor use

Comes complete with 1.8 m (6') output cable, rubber jacketed, 3-wire 18 Awg conductors, and operator's manual.

Ordering Example: OMDC-PU-2E, NPN pick-up sensor, 1 pulse per revolution.