

OLD Series

Open Loop Display



RoHS COMPLIANT

Our OLD100-1 digital tachometer is perfect for applications where displaying a numeric value related to an operation is required. Compatible with various types of feedback devices such as Hall Effect sensors, NPN encoders, or electromagnetic pick-ups, incorporating the OLD100-1 into existing systems is easily accomplished. Users can choose from four modes of operation that include tachometer, time in process, time in process monitor, and totalizer. With the ability to accept 115 or 230 VAC power and able to source 5V or 12V, up to 10mA, for feedback devices, the OLD100-1 is ideal for your display needs.

Drive	Input Voltage (VAC)	AC Line Power	Acceptable Feedback Devices	Power Supply Voltage for Feedback Devices	Feedback Frequency Range
OLD100-1	115 / 230	5.5 watts nominally	Hall Effect Sensor* Electromagnetic Pickup 5 or 12 VDC NPN-type encoder or proximity switch*	5 or 12 VDC @ 10 mA	0 - 20,000 Hz

*NPN-type feedback devices should have a built-in pull-up resistor added externally.

SPECIFICATIONS

AC Line Voltage..... 115 / 230 VAC, ± 10%, 50/60 Hz, 1Ø
 AC Power5.5 watts nominally
 Acceptable Feedback Sources
5 or 12 VDC NPN-type encoder
5 or 12 VDC NPN-type proximity switch
 Hall effect sensor
 Magnetic pickup
 Power Supply VDC for Feedback
 Devices5 or 12 VDC (12 mA max)
 Ambient Temperature Range.....10 °C - 40 °C

FEATURES

Four Operating Modes: Displays 1) speed of application or multiple of it 2) time in process indicating duration of application 3) the inverse speed (i.e., minutes per revolution) 4) number of counts received from feedback device
Selectable Feedback Devices: Accepts magnetic pickup, hall effect, inductive proximity sensor or encoder input
5 or 12 VDC Power Supply: Provided to power feedback devices
Wide Frequency Range: Accepts 0 -20,000 Hz from feedback device
Easy to Read Display: 4-digit LED display is 0.7" (17.5 mm)

TRIM POTS

None

ACCESSORIES

KTP-0020: Mounting bracket