VEEDER-ROOT brand

Mechanical & Electric Counters

7030 Pneumatic Counter



For specialized applications . . . operates by counting pulses of AIR – no mechanical or electrical connections

Although its rugged diecast enclosure design appears similar to our general purpose electrical- and mechanical-drive totalizers, the Series 7030 is unique because it counts pneumatic impulses. It is ideal where safety or environmental constraints make it difficult to use other counters — or where it's just more convenient to obtain an air pressure signal, than to supply a voltage source or mechanical linkage.

- Sturdy, industrial duty construction
- 6 figures counts to 999999 with rollover to zero
- High contrast white-on-black numerals
- Requires no electricity or mechanical coupling
- Operates reliably from air sources of 40 to 150 psi
- Smooth acting rotary reset mechanism
- Pneumatic drive protected by internal exhaust filter
- Count speed to 1000 counts per minute
- Long service life
- Popular, general purpose base mount configuration

Series 7030 is rated for speeds to 1000 counts per minute (dependent on air pressure), and engineered to deliver a long service life. It is easy to install, by base mount attachment to machine frames, or many other surfaces.

SPECIFICATIONS

Speed: 250 to 1000 cpm depending on applied operating air pressure; see

Speed/Operating Pressure

Number of Figures: 6

Figure Size: 0.180" (4.6 mm) high Figure Color: White on black

Reset: Manual knob Mounting: Base

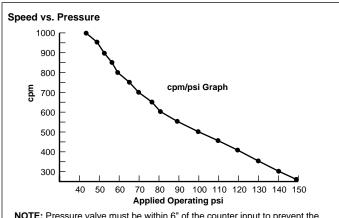
Operating Temperature: 0° to +131°F (-18° to +55°C)

Construction: Case: Zamak; Wheels and Pinions: Acetal resin; Connection

Fitting: Brass

Net Weight: 1 lb. (0.454 kg)

Model No.	Description
703006-003	6-figure, base mount, knob reset



NOTE: Pressure valve must be within 6" of the counter input to prevent the rated speed/pressure from being affected. Speed or cpm rating at a given psi is based on a 50% duty cycle. When counting at a frequency or speed less than the rated cpm at a given psi, the on-off ratio must not be less than 50%.

