

Description

Converts a variety of liquid flow sensing device outputs to a 4-20 mA output.

Use with Niagara Meters:

Turbine - with model 860 transmitter

Oscillating Piston – with Transmitter model R-11, R-22C & R-25

Nutating Disc - with Transmitter model R-11, R-22C & R-25



Figure 1. Model 1005 Pulse to DC Converter

Technical Information

Functional Specifications

Accuracy	± 0.5%
Repeatability	± 0.1% of full scale
Frequency Range	5-5000 Hz
Power Supply	1 phase 50/60 Hz 115/230 VAC ± 10% less than 10 VA, or 24 VDC; will output +12 VDC @ 50 mA max
Temperature	32° F to 120° F (0° C to 49° C) operating
Flow Input	Type: Dry contact; Form A or Form C, Magnetic pick-up low level sinewave 50 mV P/P Max; SQ Wave or Infrared; 3 - 15 VDC; 0-2 VDC low, 2.5 - 15 VDC high High speed pulse (10 - 15 VDC peak)
Analog Output	Type: 4-20 mA/500Ω max @ 24 VDC

Physical Specifications

Enclosure	Aluminum
Enclosure Protection	Class I, Group D Class II, Groups E, F, & G Class III
Conduit Connections	Qty = 2/1" FNPT

Ordering Information

Specify:

- Flowmeter Model
- Transmitter Model

Dimensions

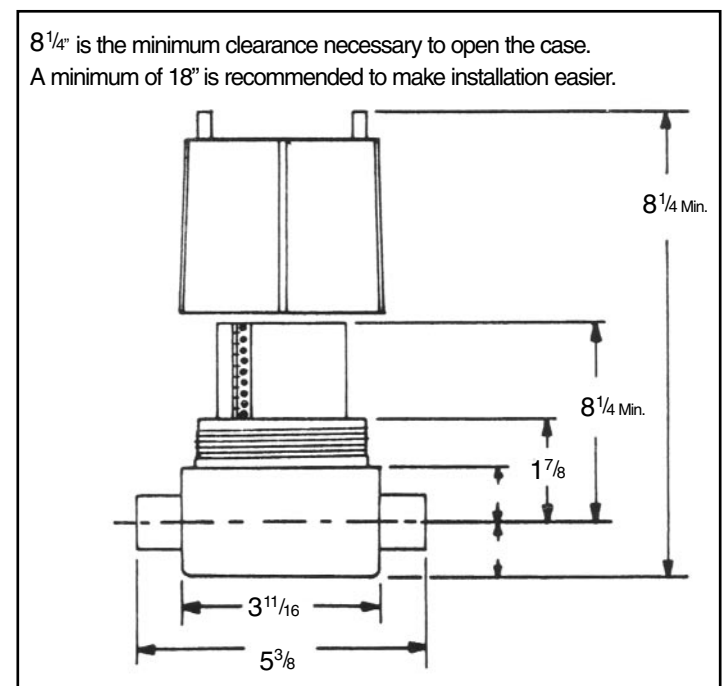


Figure 2