



Max Machinery Inc.

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(707) 433-7281

Model 289 Frequency Transmitter

General Description:

The 289 Series Transmitter uses an inductive coil to detect the rotation of an internal flow meter gear. As the teeth on the gear move under the core of the pickup, a voltage is induced in the coil. This AC voltage is then amplified and forms a square wave output which is sent to the output terminals. The resulting pulse train can generally be sent at least 1000 feet.

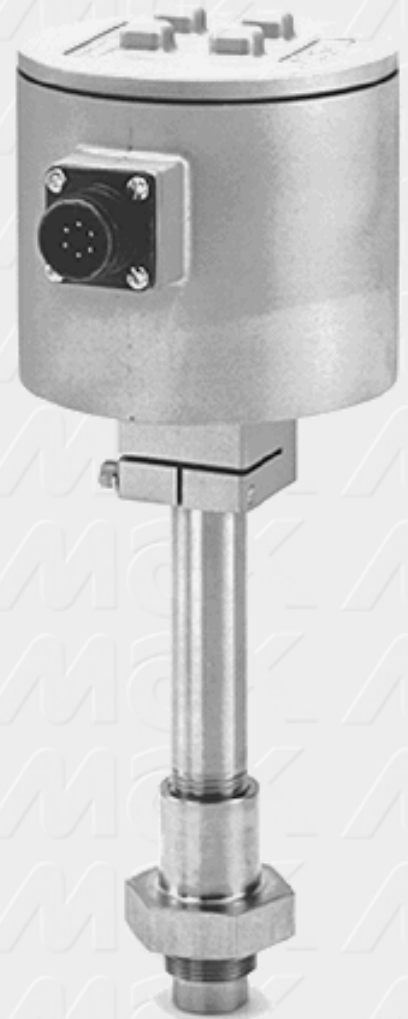
The Model 289 Transmitters were designed for exclusive use with Max Series 240 Helical Rotor flow meters. When used on the Series 240, a "pocketless" flow meter is formed (there are no cavities or pockets where fluids can settle and collect).

Specifications:

- **Type of Output:**
Square wave: 5VDC (TTL & CMOS - compatible)
Inductive pick-up with preamplifier
- **Power Supply Requirements:** 5 to 24 VDC plus load
- **Ambient Operation Temperature Range:**
-20°C to 65°C (+5°F to 150°F)
- **Metered Liquid Temperature Range (At 30°C Ambient):**
-250°C to 240°C (- 420°F to 465°F)

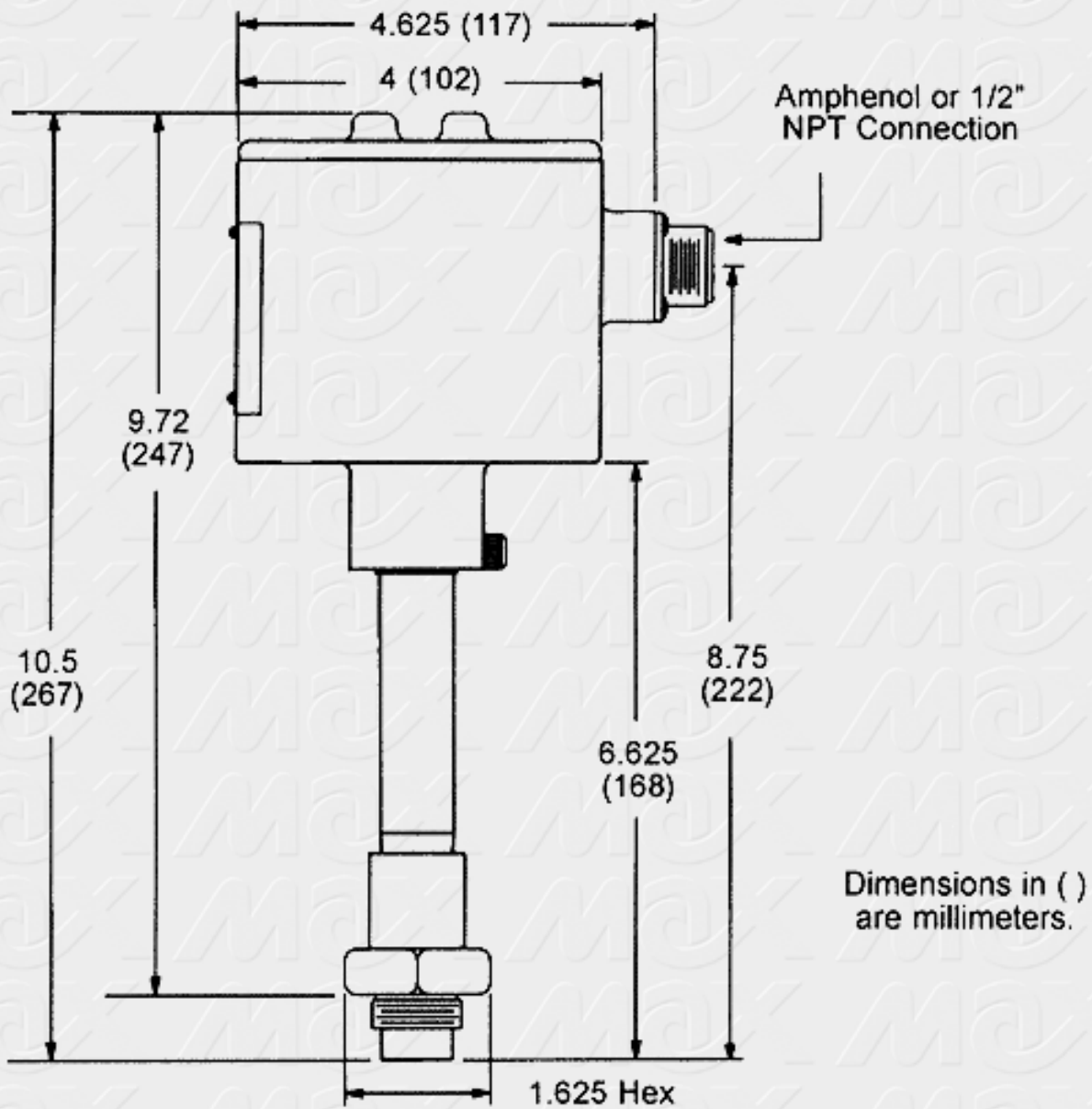
Features

- Makes a "pocketless" flow meter when combined with a Max Series 240 Helical Flow Meter.
- Preamplified square wave output capable of driving at least 1000 feet.
- Weather-tight and U.L. Class 1, Division 1, groups C & D rated explosion-proof options. CSA certified.

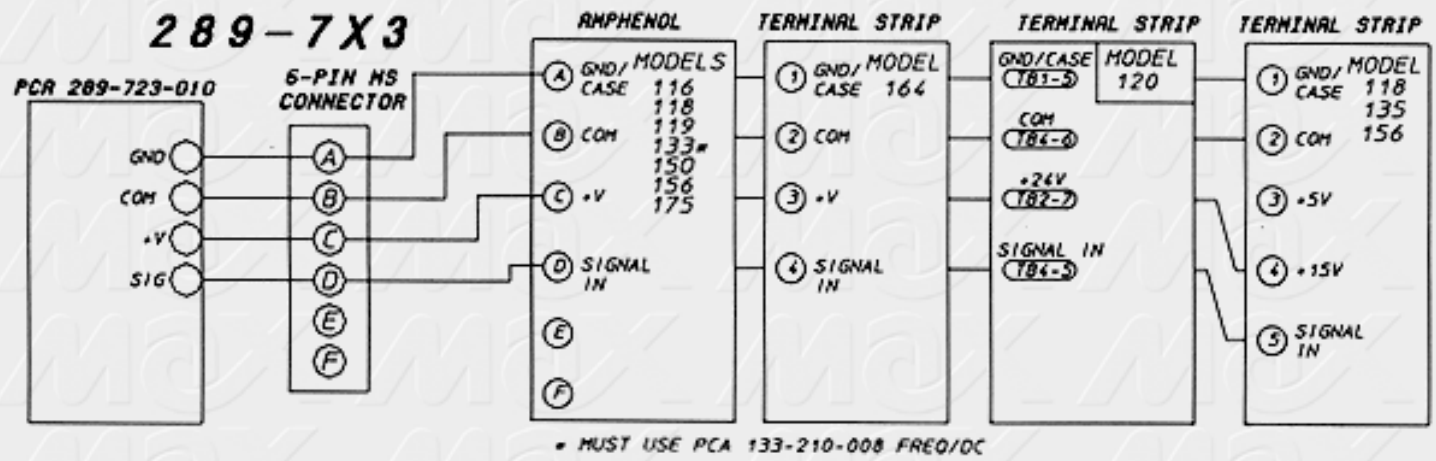


Download [289 Manual - Zipped](#) Acrobat Reader required to view downloaded files.

PHYSICAL DIMENSIONS



Typical Wiring



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