



WECO® HAMMER UNION TEMPERATURE TRANSDUCER

MODEL 271 / 371

FEATURES:

- 2" - 1502, 2002 or 2202 WECO® Sizes
- Rated to 22,500 PSI (1,551 BAR)
- Corrosion resistant materials
- 0 to 5 Vdc or 4-20 mA outputs
- Calibrated temperature range from -40 °F (-40 °C) up to +250 °F (+121 °C)

APPLICATIONS:

- Drilling and well servicing
- Choke and kill operations
- Hydraulic fracturing

PRODUCT OVERVIEW:

GP:50 Model 71 series is specifically designed to provide accurate temperature measurement in a WECO® union configuration. Optional WECO® union sizes, electrical connections and RTD, 0 to 5 Vdc or 4-20 mA outputs available.

FIELD OPTIONS:

- Optional electrical connections
- Inconel wetted parts
- Digital outputs RS232, CANbus or RS485
- ATEX Intrinsically Safe Approval



Model 271 / 371
WECO® "Hammer" Union
Temperature Transducer

Current Approval:



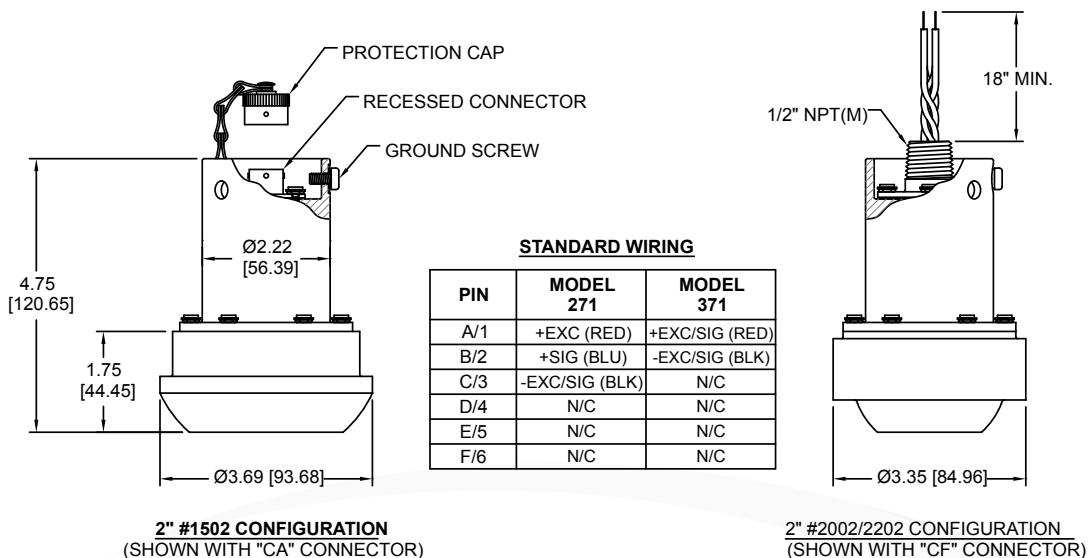
Pending Approval:



GP:50 MODEL 271 / 371

DIMENSIONAL DRAWING

All dimensions are in inches (mm)



REFERENCE SPECIFICATIONS

ELECTRICAL
<ul style="list-style-type: none"> Supply Voltage: (Model 271) 9 to 36 Vdc (Model 371) 9 to 36 Vdc
<ul style="list-style-type: none"> Output Signal: (Model 271) 0 to 5 Vdc (Model 371) 4-20 mA
<ul style="list-style-type: none"> Insulation Resistance: (Model 271 & 371) $\geq 100 \text{ M}\Omega$ at 50 Vdc
<ul style="list-style-type: none"> Connection: Bendix PTO2E-10-6P
MATERIALS OF CONSTRUCTION
<ul style="list-style-type: none"> Sensor: 17-4 PH stainless steel Housing: 300 series stainless steel
MECHANICAL
<ul style="list-style-type: none"> Process Connection: 2" 1502, 2002 or 2202 WECO® Maximum Operating Pressure: 22,500 PSI (1,551 BAR) Approximate weight: <5 lbs (2.3 kg)

ACCURACY
<ul style="list-style-type: none"> Standard: $\pm 3 \text{ }^\circ\text{F}$ ($\pm 1.41 \text{ }^\circ\text{C}$) Zero Balance (@ 70 °F): $\pm 0.5\%$ FSO
CALIBRATED TEMPERATURE RANGES
0 °F to +250 °F (-18 °C to +121 °C) -40 °F to +250 °F (-40 °C to +121 °C)
APPROVALS (370 SERIES ONLY, OTHERS PENDING)
Currently Available: <ul style="list-style-type: none"> ATEX/IEC Intrinsically Safe: II 1 G Ex ia IIC T5 Ga ATEX Zone 2: II 3 G Ex nA/ic IIC T5 Gc Pending: <ul style="list-style-type: none"> IEC Zone 2: II 3 G Ex nA/ic IIC T5 Gc FM/CSA: Intrinsically Safe: Class I, Division 1, Groups A-G, T5, Ex ia IIC T5 FM/CSA: Division/ Zone 2: Class I Division 2, Groups A-G, T5, Ex nC/nA/nL T5

**Standard configurations shown.
Please consult factory for other options.**

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact GP:50 for assistance with your application.

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