



Pressure, Level & Temperature Transmitters & Transducers

2770 Long Road, Grand Island, NY 14072 USA

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Model 340 Series

BLENDER DISCHARGE PRESSURE TRANSMITTER



Pending Approvals



FEATURES:

- Flush Faced
- All welded SST construction
- Rugged welded design
- No zero offset from installation
- 5x proof pressure

PRESSURE RANGES:

- 0-50 Thru 0-500 PSI

ACCURACY:

- $\pm 0.5\%$ FSO or $\pm 0.25\%$ FSO

WIRING:

340

A/1 RED	+EXC. / SIGNAL
B/2 GREEN	NC
C/3 WHITE	NC
D/4 BLACK	-EXC./SIGNAL
SHIELD	

Accuracy:

Static error band includes (Hysteresis, Non-Linearity, Non-Repeatability)

- Series B: $\pm 0.5\%$ FSO (RSS)
- Series C: $\pm 0.2\%$ FSO (RSS)

Temperature Compensation:

- Effect on Zero/Span: Less than $\pm 2.0\%$ FSO/100° F for each

Electricals:

- Excitation Voltage: 9-40 Vdc
- Output at 70° F: 4-20 mA $\pm 2\%$ FSO
- Output Current: 2.0 mA max. for less than 0.1% FSO attenuation.
- Load Impedance: 1350 ohms max. at 36 Vdc and 750 ohms max. Vdc.
- Zero Balance: 4.0 mA $\pm 2\%$ FSO at 70° F
- Insulation Resistance: Greater than 10 megohms at 50 Vdc & 70° F
- Resolution: Infinite

Temperature Limits:

- Compensated: 0° F to 180° F
- Process Temp: 250° F

Mechanicals:

- Proof Pressure: 5 X full scale pressure range or 2 kpsi, whichever is less.
- Burst pressure: 7 X full scale pressure range or 3.5 kpsi, whichever is less.
- Case Materials: Type 316 Stainless Steel
- Wetted Materials: 17-4PH SST

Process Connection:

- 1/2" NPT Male

Electrical Connection:

- 1/2" NPT Male conduit with 36" cable leads
- Other connectors available

Unless otherwise stated, these specifications are the standards to which the units are normally constructed. Upgrades or alterations may be easily and readily accomplished by the standard option code or by discussion with the factory. We invite your inquiry.

A5SL-340.00 Rev. A



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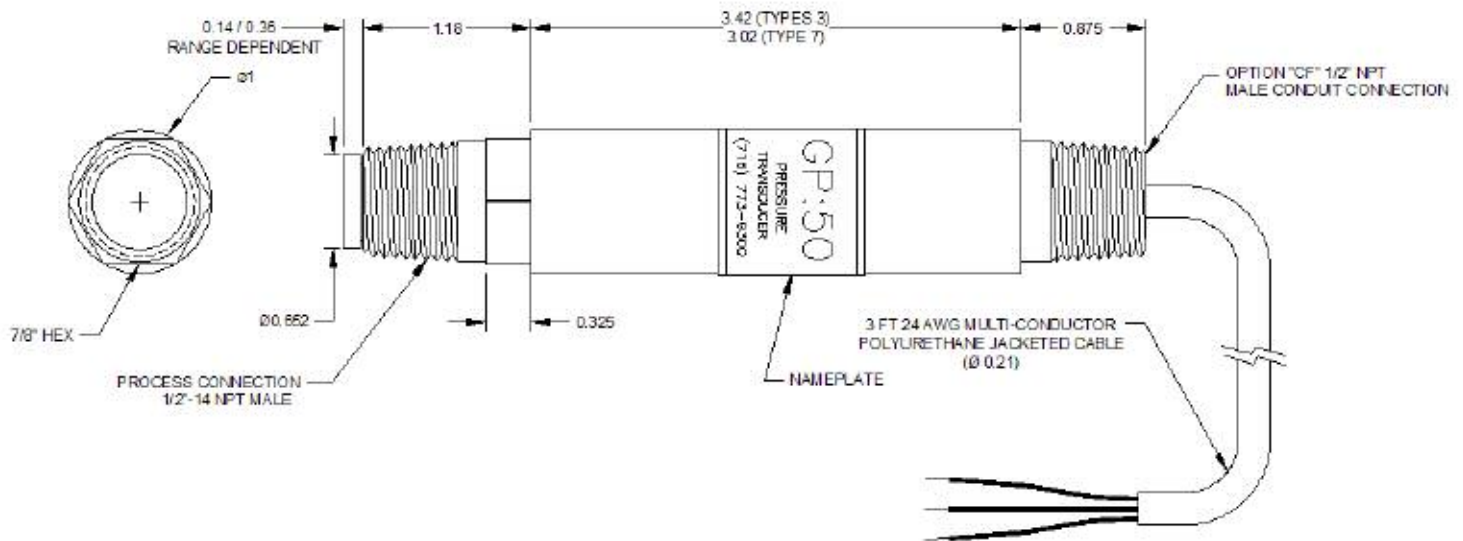
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Some options will affect dimensions. Consult factory if important.



Typical Configurations (consult factory for more options)

MODEL

340 4-20 mA

STATIC ACCURACY

B 0.5% FSO
C 0.2% FSO

PRESSURE RANGE (PSI)

(Consult factory for other ranges)

PV 50
PX 75
PZ 100
RB 150
RD 200
RE 250
RF 300
RH 500

PRESSURE TYPE

(Consult factory for other options)

2 Gauge
7 Sealed Gauge (recommend on 500 PSI only)

OPTIONS (Other options available, consult factory)

ELECTRICAL CONNECTOR OR CABLE

CA PTIH-10-6P (Mate PT06E-10-6S [SR], not included)
CF 1/2" NPT (M) Thread with 3FT leads
DK 4 Pin SST Glenair Equal

PRESSURE PORTS

IM 1/2" NPT Male (Flush)

NOTE:

Specifications reflect standard product, improved performance / mechanical options available.

Modifications may alter specs, consult factory for more information.