



## Pressure, Level & Temperature Transmitters & Transducers

2770 Long Road, Grand Island, NY 14072 USA

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## Model 340T Series TEMPERATURE TRANSMITTER



### FEATURES:

- Designed for on-board Vehicles
- Compact, welded design
- 4-20mA or 0-5 VDC Output
- Ranged from -65° F to 300° F
- Probe lengths from 3/4" to 6"

### WIRING:

### 340 T

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

(Optional process and electrical connectors available)

### Accuracy:

- $\pm 3.0^{\circ}$  F

### Electricals:

- Excitation Voltage: 9-36 Vdc
- Output at 70° F: 4-20 mA  $\pm 1\%$  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  $\pm 1\%$  FSO
- Insulation Resistance: Greater than 100 megohms at 50 Vdc & 70° F
- Thermal Response Time: <2 Sec.

### Temperature Limits:

- Calibration Range: Available from -65°F +300°F
- Max Ambient Operating: + 185° F
- Max Process Operating: + 300° F

### Mechanicals:

- Pressure Rating: 10,000 PSI
- Wetted Parts: 316L SST
- Case Materials: 300 Series SST

### Process Port: (other ports available)

- 1/4" NPT Male

### Electrical Connection: (other connections available)

- PT1H-10-6P SST or Equal

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-340T.00 Rev. A

GP:50 reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.



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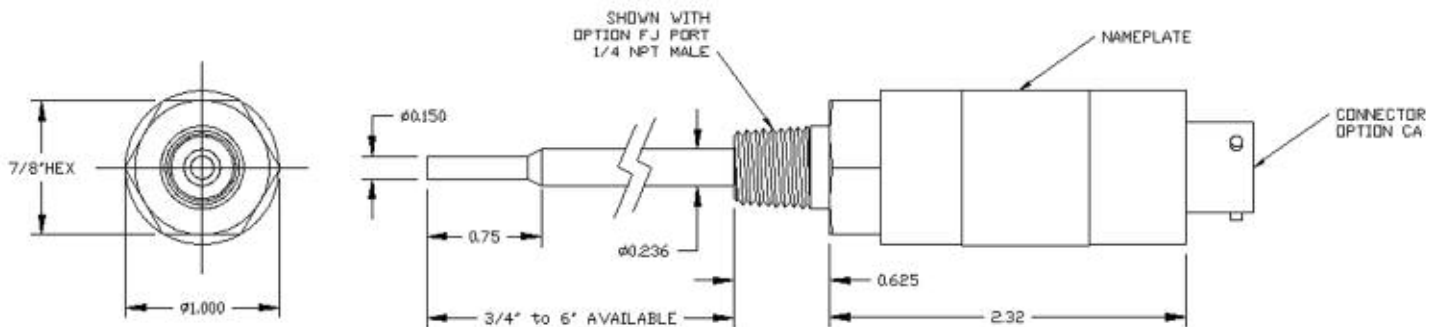
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Some options will affect dimensions. Consult factory if important.



### Typical configurations (Consult factory for more options)

#### MODEL

340T = 4-20 mA

#### PRESSURE PORT (Other available)

FJ = 1/4" NPT Male

LT = SAE #4 (7/16 -20 UNF-2A)

#### PROBE LENGTH

A = 0.75	H = 2.00	N = 4.00
B = 1.00	J = 2.25	O = 4.50
C = 1.25	K = 2.50	P = 5.00
D = 1.50	L = 3.00	R = 5.50
G = 1.75	M = 3.50	S = 6.00(MAX)

#### TEMPERATURE RANGE (Other ranges available)

00 = 0°F TO 250°F

01 = -40°F TO 250°F

02 = -40°F TO 180°F

03 = 0°F TO 300°F

#### ELECTRICAL CONNECTOR OR CABLE (Other available)

CA = 6-PIN PTIH-10-6P

DC = TURCK FS 4.4 (4-PIN)

DC5 = TURCK FS 4.5 (5-PIN)

DC6 = TURCK FS 4.6 (6-PIN)

HK\*\* = NEMA 4X WITH POLY CABLE

\*\* - Denotes length in inches (eg. HK36=36")

#### GENERAL OPTIONS

QV = IMPROVED RESPONSE TIME (0.5 SEC)

OPTIONS (Other options available, consult factory)