

## Remote Mounted Sensors - Type 1340

The 1340 is easily installed, reduces vibration damage to the head and eliminates stocking several different lengths. This versatile design can be inserted into an existing well or for use in other general purpose applications where a well or protection tube is not required. The exact immersion depth is not required when inserting in a well. Simply bottom the sensor to the bottom of the well and tighten the optional compression fitting. The 1340 allows a reduction in store room lengths due to this flexibility.

The flexible armor leads allows remote mounting of the head in applications where there is a very tight fit. In high temperature thermocouple applications it is recommended that sensor connections are in a area that has ambient temperatures below 400 degrees F. The 1340 design allows the head to be mounted remotely an option that can greatly enhance the accuracy of the measurement.

**To order:** Indicate the code letter or value for each requirement.

Head Type	Sensor Type	Calibration	OD	Junction	Sheath Length	Sheath Material	Lead Length	Lead Wire	Options
	1340				(inches)		(inches)		

### HEAD TYPE

0	No Head
CA	Cast Aluminum
CI	Cast Iron
CSS	Cast Stainless Steel
PPS	Polypropylene Sanitary
FTA	Flip Top Aluminum
FTP	Flip Top Poly (white)
EPA	Explosion Proof Aluminum
EPAA	Explosion Proof Aluminum Atex
EPS	Explosion Proof Stainless Steel
EHA	Explosion Proof Aluminum
EHI	Explosion Proof Iron

### SENSOR

#### Sensor Calibration

J	Iron Constantan®
K	Chromel® Alumel®
T	Copper Constantan®
E	Chromel® Constantan®
N	Nicrosil® Nisil®
PO	Low Temp RTD to 500° F
PH	High Temp RTD to 900° F
PM	Heavy Duty RTD to 900° F

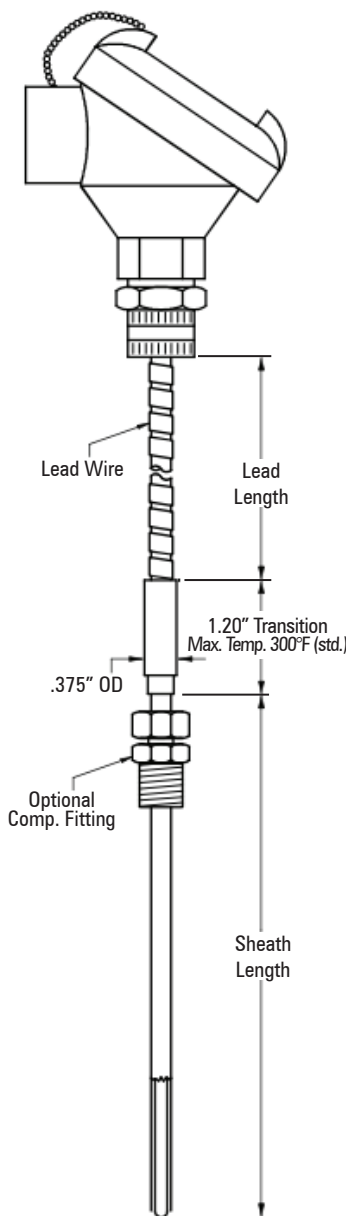
Standard RTD is a three-wire 100 ohm Platinum / .00385 Alpha. For higher temperatures ranges - consult factory. For special limits on thermocouples, repeat calibration code, i.e. JJ.

#### Sensor OD

18	1/8"
316	3/16"
14	1/4"
516	5/16"
38	3/8"

#### Sensor Junction

G	Grounded
U	Ungrounded
E	Exposed
DG	Dual Grounded
DU	Dual Ungrounded
DE	Dual Exposed
S	Single RTD
D	Dual RTD



### Sensor Sheath Materials

P	304SS
R	316SS
Q	310SS
A	Alloy 600

Standard Sheath Material is 316SS.

### Lead Wire

F	Fiberglass
T	Teflon®
P	PVC
PS	PVC Shielded
MF	Multi Strand (flexible) Fiberglass (RTD std.)
MT	Multi Strand (flexible) Teflon® (RTD std.)

### OPTIONS

#### Sensor Options

A	Armor (Stainless Steel)
AP	Armor with PVC Jacket
CG12	Cond. Grip, 1/2" NPT
SS18	Adj SS Comp Fitting 1/8" NPT*
SS14	Adj SS Comp Fitting 1/4" NPT*
SS12	Adj SS Comp Fitting 1/2" NPT*
BR18	Adj Brass Comp Fitting 1/8" NPT*
BR14	Adj Brass Comp Fitting 1/4" NPT*
BR12	Adj Brass Comp Fitting 1/2" NPT*
VH	Vent hole for fittings
TA	Tube on Armor, 1/4" OD x 2" long
TAC	Tube on Armor with SS12 Fitting for Head Mount
SA12	Spring Assembly with Hex Fitting, 1/2" NPT
SB	Stainless Steel Overbraid on Lead Wire
HV	High Vibration RTD (PM only)
CR	Cryogenic RTD (PM only)
CT	Compensated Terminals (EHA/EHI head only)
WP	Weld Pad
FW	Four Wire RTD
GA	Class A

\*Add T after SS or BR for Teflon® Ferrule

#### Transmitter/Indicator Options

LCP	Programmable, RTD, FM
PT	Programmable FM
HC	Hart® Compatible
	Provide Range and Temp F/C
LPI	Loop Temperature Indicator
	See pages A-33 - A-34 for transmitter and other options.
BPI	Battery Powered Indicator