

# BRASS PLATE TEMPERATURE

- Fast pipe temperatures
- No thermowell required
- Rugged armoured leads



## Accurate easy to install pipe sensor

When you need to measure the temperature of a pipe's contents and no thermowell is available this is the solution. Simply add a little heat transfer paste to the smooth side of the brass plate and fasten the assembly to the pipe with a hose clamp. The 9 thou thick brass shim stock plate conforms readily to even small diameter pipes. Then cover the whole assembly with insulation, running the lead wire to a nearby junction box.

The brass plate will provide excellent heat transfer from the pipe to the sensor sheath which we silver solder to the plate. The 3/16" OD sheath is smaller than our normal strap on sensor to promote rapid heat transfer.

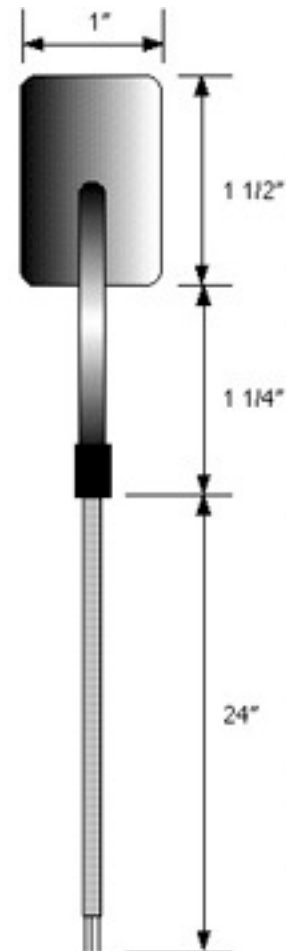
The stainless steel braided lead wire jacket provides good abrasion resistance.

**Platinum RTD's** are the most stable temperature sensors between -50 and 400C. Their stability, wide temperature range and almost linear output make them the choice in demanding applications.

**NTC Thermistors** are the most sensitive sensors from -50C to +150C with temperature coefficients as high as several percent per degree C. This means that lead resistance has minimal effect on system accuracy.

**4-20mA Transmitters** using 100 ohm RTD's are available when RTD's have been specified for use with a panel that will not accept RTD's directly.

**Operating Temperature** The construction of these sensors makes them suitable for operation between -50C and 200C.



## ORDERING DATA

**TS - BP -** (                      ) - (                      )

sensor type	sensor value
R = RTD	100 = 100 ohms
T = Thermistor	10K = 10k ohms

e.g. TS-BP-R-100 Brass plate sensor with 100 ohm RTD



25 Shornclyffe Rd, Toronto, ON, M9B 3S4 Tel 1(800)ENERCORP or (416)231-5335 Fax 1(877)ENERCORP or (416)231-7662  
 Visit our on-line catalogue at [www.enercorp.com](http://www.enercorp.com) our e-mail address is [info@enercorp.com](mailto:info@enercorp.com)