OIL-SEAL TEMPERATURE

- **Fast response spring loading**
- **Process oil sealing**
- **Flexible design to suit application**

CONSTRUCTION

Our oil-sealed model has been designed specifically to monitor bearing temperatures. An integral oil-seal prevents leakage. The spring loaded sheath ensures rapid heat transfer to the sensor.
A large threaded cast aluminum head with O-ring gasket is standard. Electrical connections are made through the 3/4" NPT female opening suitable for piping or standard electrical fittings.

FLEXIBLE DESIGN

By using different bushings, nipples, sheath lengths and sensing elements this oil seal temperature sensor can be configured to meet most bearing temperature applications.

ORDERING DATA

THERMOCOUPLES

TC - ( ) - 3 - ( ) - ( ) - OS-49653

thermocouple calibration J,K or E	junction
	UNG = ungrounded
	G = grounded
		# sensors
		D = duplex
		S = single

RTD's

RTD - 3 - ( ) - OS-49653 - ( )

# sensors 	
D = duplex
S = single
	default = IEC751 100 ohm platinum
	CU10 = 10ohm copper
	NI120= 120 ohm nickel

Note: Also specify in words for both thermocouple and RTD models
1. Reducing bushing size. 1/2 x 1/2, 1/2 x 1/4 or 1/2 x 1/8
2. Nipple length and O.D. in inches
3. Sheath length below nipple. The sheath will compress up to 0.88" from this specified length

ORDERING EXAMPLES
Thermocouples: TC-K-3-UNG-D-OS-49653 with 1/2x1/4 bushing , 1/4" x 2 1/2" nipple and sheath extending 2" below nipple
RTD's: RTD-3-D-OS-49653 with 1/2x1/8 bushing , 1/8" x 2 1/2" nipple and sheath extending 1" below nipple

ENERCORP instruments ltd
25 Shorncliffe 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 *our e-mail address is info@enercorp.com*