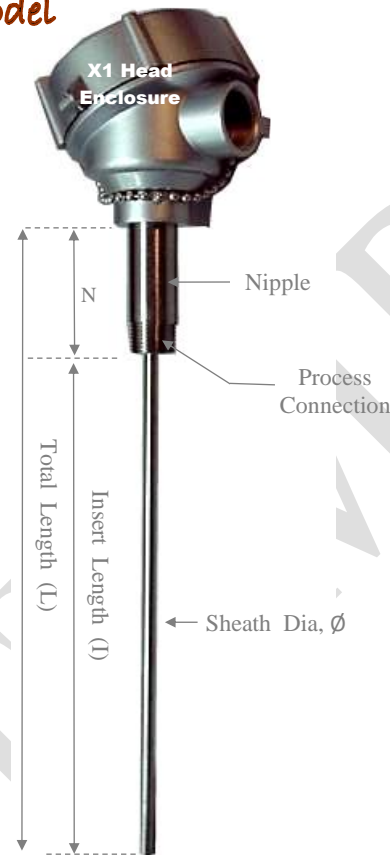


**EN**  
model

## Spring Loaded Thermocouple / RTD w Nipple & Terminal Head Enclosure

### FEATURE

- ✓ Various Head Enclosure Design
- Standard, Din and Exproof Enclosure Design available
- ✓ Spring Loaded – Maximum compression 10mm
- ✓ Process Connection NPT, BSP
- ✓ Nipple Connection
- ✓ Replaceable Insert
- ✓ Suitable to be use with Thermowell
- ✓ Optional : Thermowell
- ✓ Optional : Transmitter
- Transmitter 4 ~ 20mA output
- Transmitter Hart protocol 4~20mA output



### Thermocouple

- ✓ Type Available: K, J, E, T, N
- ✓ Sheath Material: SS316 or Inconel 600
- ✓ Mineral insulated single and duplex thermocouple
- ✓ Ansi MC 96.2 / IEC-584
- ✓ Sheath Diameter from : 3.0 to 8.0mm
- ✓ Minimum insulation resistance : 10M ohm @ ambient temperature with 200V DC
- ✓ Hot junction: Grounded, Ungrounded

### RTD - Resistance Temperature Detector

- ✓ Type Available: PT100, PT500, PT1000
- ✓ Sheath Material: SS316
- ✓ Single and duplex
- ✓ 2 wire, 3 wire, 4 wire available
- ✓ Temperature range available from -200 to 800 °C
- ✓ According to DIN EN 60751
- ✓ Alpha value = 0.00385 per ITS 90
- ✓ Sheath Diameter from : 3.0 to 10.0mm

## STANDARD THERMOCOUPLE & RTD MODEL

### Description

**EN Model, Spring Loaded, Single Element, Nipple, N=75mm  
& Standard Head Enclosure (D2 Design)**

Order Code	Sensor Type	Junction/ No Wire	Accuracy	Process Conn NPT	Sheath Dia Ø mm	Sheath Length mm	Sheath Material	Temp Range °C
EN-K-M100	K	Ungrounded	Class 2	½"	6.4	100	SS316	0~800
EN-K-M150	K	Ungrounded	Class 2	½"	6.4	150	SS316	0~800
EN-P1-M100	PT100	3 Wire	Class B	½"	6.4	100	SS316	-50~600
EN-P1-M150	PT100	3 Wire	Class B	½"	6.4	150	SS316	-50~600