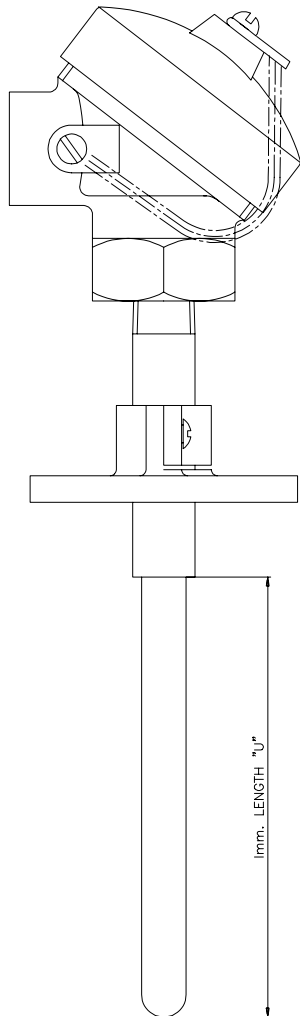


INDUSTRIAL TEMPERATURE SENSORS

with ceramic thermowell



Specifications:

Series : ITS-70.000

CONNECTION HEAD

Type : weatherproof, heavy duty head with screw on cover

Material : zinc plated cast-iron

Conduit entry head : 3/4" NPT, if 1/2" NPT, M 20 or PG 16 is required, please specify

Terminal block : ceramic with clamp type terminals

INSERT

Type : beaded type thermocouple

Thermocouple type : chromel-alumel, type K

Pt 10% Rh/Pt, type S

Pt 13% Rh/Pt, type R

Standard limits of error : ANSI MC 96.1 / IEC 584

Wire size : 1,6 mm (14 AWG), type K
0,5 mm (24 AWG), type R and S

Insert length : 'U' plus 140 mm

THERMOWELL

Type : gas tight ceramic protection tube cemented to mild steel extension tube

Material : aluminium oxide (AL₂O₃, 60% pure for type K and 99,7% pure for type R and S)

Outside diameter x wall thickness : 15 x 2 mm

Extension tube diameter : 22 mm

Extension tube length : 150 mm

Immersion length 'U' : to be specified; replace box in ordering code with your required length

OPTIONS

- 1) Adjustable flange, NW 22 DIN 43734
- 2) Adjustable mounting bush, G 1" (ISO R288)

Ordering code:

Calibration

K
S
R

SINGLE

Complete assembly

ITS-77288- K - mm
ITS-77288- S - mm
ITS-77288- R - mm

DUPLEX

Complete assembly

ITS-79288- K - mm
ITS-79288- S - mm
ITS-79288- R - mm

= immersion length 'U' in mm (to be specified)

Also available in inches



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