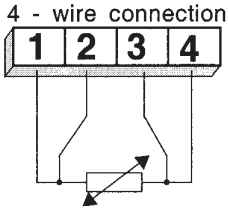
ISOLATED TRANSMITTERS

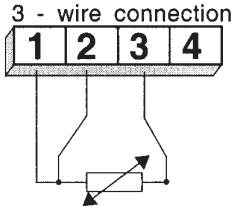
INPUTS

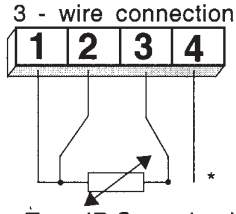
RTD

Pt100, Pt1000, Ni100, Ni1000, PtX, D100
4 - wire connection



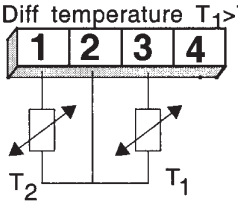
Pt100, D100
3 - wire connection





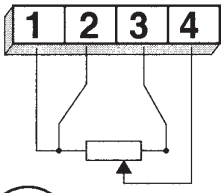
* TempIR Sense lead

Pt100
Diff temperature $T_1 > T_2$

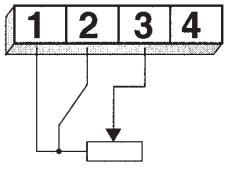


Potentiometer

4 - wire connection

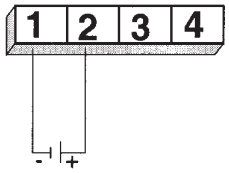


3 - wire connection



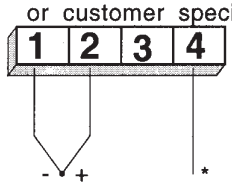
Voltage

millivolt



Thermocouple

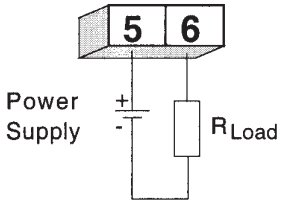
AE, B, E, J, L, N, R, S, T, U
or customer specific



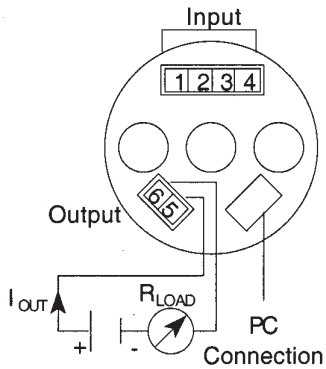
* TempIR Sense lead

OUTPUT

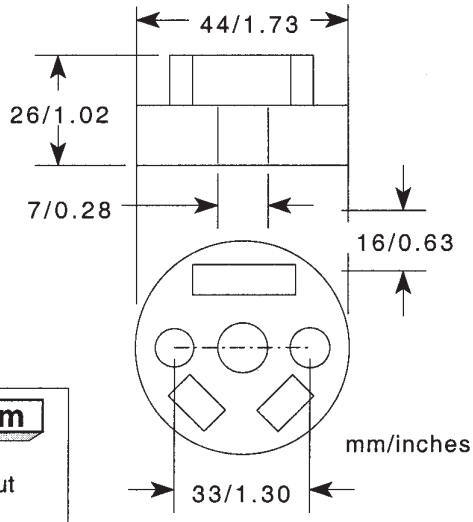
4-20mA Output



Connections

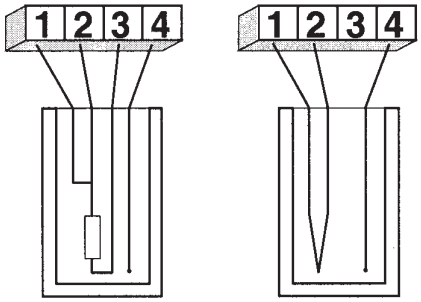


Dimensions



Dimensions

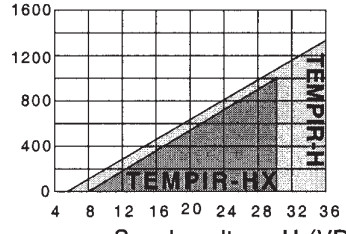
FIG.5



* TempIR Sense

Output load diagram

FIG.6
Permissible R_{LOAD} at 22 mA output



$R_{LOAD} = (U-6.5)/0.022$ (TEMPIR - H)
$R_{LOAD} = (U-8)/0.022$ (TEMPIR - HX)