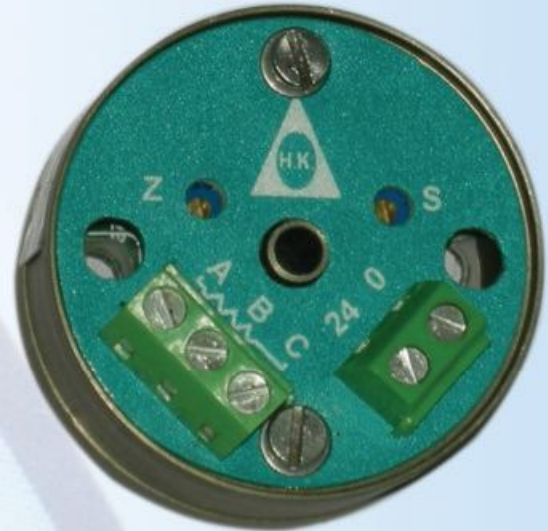


2-3 WIRE TEMPERATURE TRANSMITTER

The PTX-100 is excellent & cost-effective 2-wire Temp. Transmitter. The design is available in HEAD mounting & DINRAIL housing. The Device generates 4-20mA current signal Proportional to temp. The TRANSMITTER Operates on loop power supply. The current Signal reduces wiring cost drastically. The Effect of electrical noise is minimized & long runs of Thermocouple wires is eliminated. The Housing is shockproof & hermetically sealed.



DIN RAIL MOUNTING TYPE



HEAD MOUNTING

SPECIFICATION

Input	: Pt - 100 (2,3 wire) RTD
Range	: -100 to +800°C, zero / span user adjustable with trimmer potentiometer.
Output	: 4-20 mA DC
Accuracy	: Better than +1%
Maximum load	: Maximum loop resistance $RL = [(v+) - 9v] / 20mA$ $v+ =$ power loop supply
Reverse polarity	: Protection provided
Surge Protection	: Provided with zener clamp
Housing	: 1) Head Mounting : DIA (d) - 50mm, Height (h) - 27mm 2) Din RAIL Mounting : 75H x 22W x 92D in mm
Ambient Condition	: -20°C + 80°C
RTD break protection	: provided, current goes to 34mA or 3.6 mA which can be detected as out of range condition.
Application	: <ul style="list-style-type: none">• Industrial protection control• DSC, SCADA, DATA• Driving recorders, panel indicators• Factory automation• ACQUISITION• Signal to computers

HK TEMPSENSORS (INDIA)

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