

General Specifications

POTENTIOMETER TRANSMITTER



This is a high accurate converter which receives 3 lines RTD as input signal, converts variation of resistance following temperature to DC voltage and current output signal.

It is designed to 2 lines and has compact shape that can use by installing directly on the sensor head.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
INPUT	3 Wire POTENTIOMETER
OUTPUT	4~20mA DC
LOAD RESISTANCE	0~1200 Ω (at 36V DC Supply)
	LR=50(E-12)
	Where LR = Load Resistance (Ω)
	E = Supply Voltage (V)
ACCURACY	$\pm$ 0.1% of span
RESPONSE TIME	Less than 0.5Sec (0-90%)
TEMP. COEFFICIENT	$\pm$ 0.015% / $^{\circ}$ C
POWER SUPPLY	12~36V DC
OPERATING TEMP.	-20~+70 $^{\circ}$ C
OPERATING HUM.	Less than 90% RH (no condensation)
ADJUSTMENT	ZERO and SPAN $\pm$ 5%
ANTI-HUM. TREATMENT	Epoxy molding
CASE MATERIAL	ABS (Ivory)
WEIGHT	About 40g
DIMENSION	49DIA ϕ 20(mm)
WIRING	Screw Terminal
MOUNTING	Head Mounting

ORDERING CODE

MODEL : D H P C -

INPUT SIGNAL

- 1 0~135 $^{\circ}$ C
- 2 0~1K Ω
- 3 Others

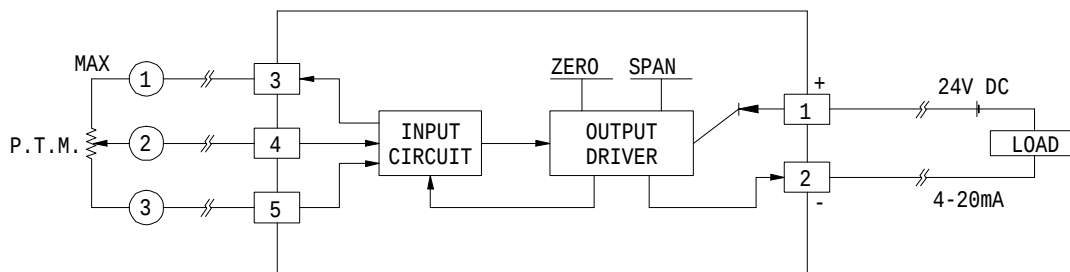
OUTPUT SIGNAL

4 ~ 20mA

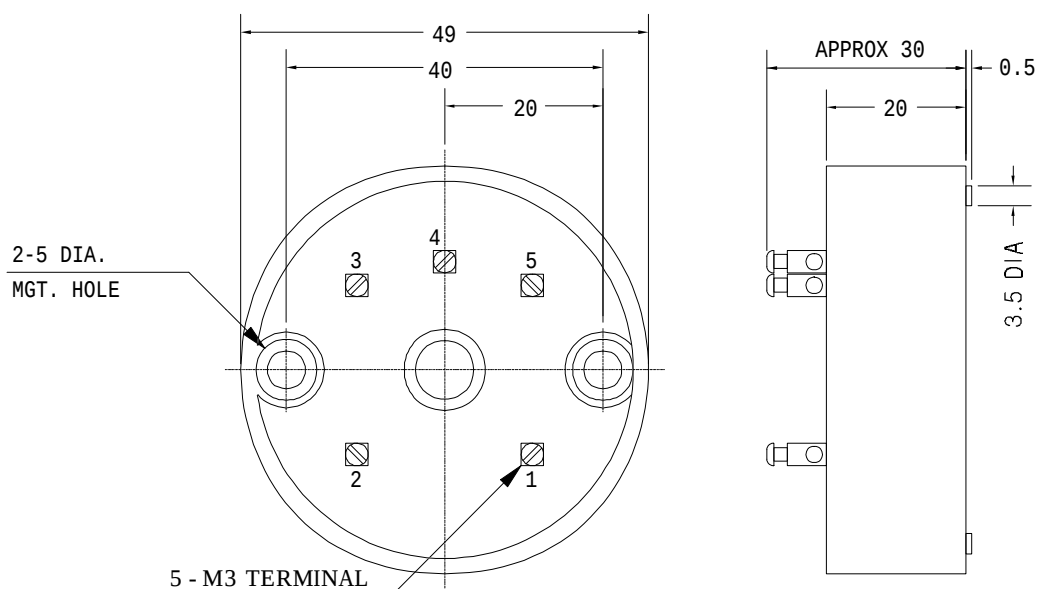
General Specifications

POTENTIOMETER TRANSMITTER

◆ BLOCK DIAGRAM



◆ DIMENSIONS



◆ INSTALLATION INSTRUCTIONS

