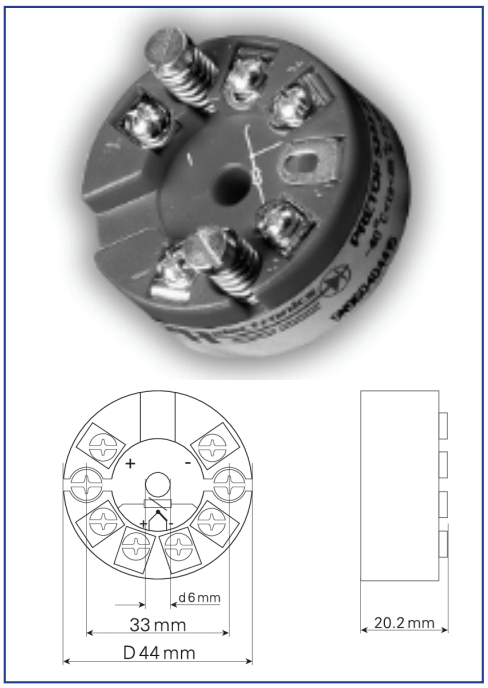
PRetop 5334



Temperature Transmitter Type PRetop 5334

Temperature transmitter type PRetop 5334 is programmable, 2-wire transmitter for assembling in sensor connection head of thermocouple. The transmitter is configurable using PC software. Execution is basic and intrinsic safe with certificate KEMA 06 ATEX 0062X and GOST.

Type	Execution
5334 A	Basic
5334 B	Intrinsic safe Ex II 1G; EExia IIC T1...T6

Technical specification

INPUT

Cooperative sensor	Type	Acc. to standard	Range of in voltage	Minimal in voltage
Thermocouple	B, E, J, K, L, N, R S, T, U, W3	EN 60584	-12mV..+150 mV	5 mV

OUTPUT

Current	Resistance (Drawing 1)	Sensor interval (configurable)
4 – 20 mA	Rob = (U_z – 7,2)/0,023 [A]	23 mA or 3,5 mA

Accuracy	Ambient temp.	Influence of ambient temp. change	Power supply Uz	Influence of resistance changes
±0,1 % of range	-40°C..+85°C	±0,01°C / °C	8 – 35 VDC 8 – 28 VDC (Exi)	±0,01 % / VDC

Galvanic separation	Mounting
1500 V AC	in connection head

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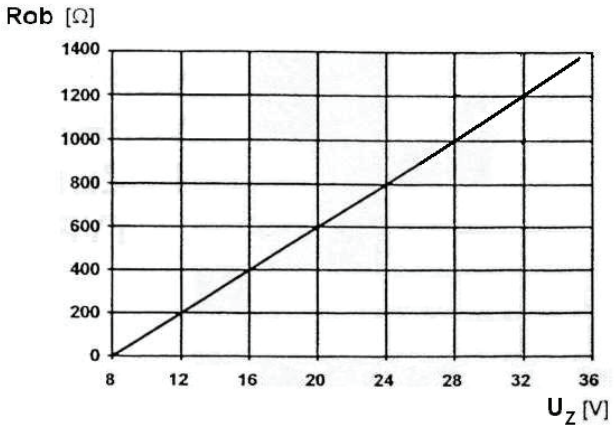
Ordering Information

PRetop5334	X	Y	Z

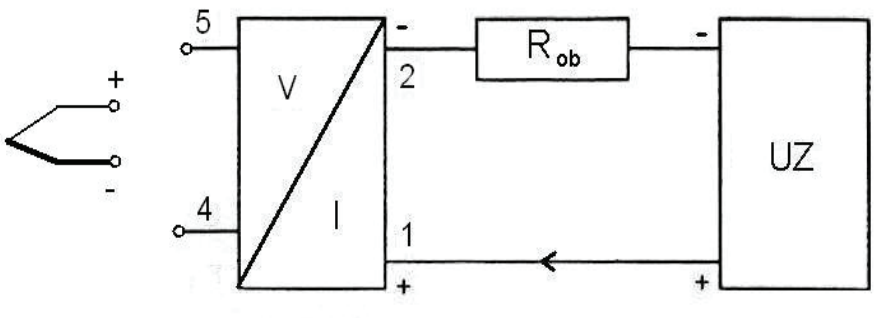
X	Execution
A	Basic
B	Intrinsic safe

Z	Temperature range ($T_1 \div T_2$)
	specify in °C

Y	Sensor type
B	Thermocouple type B
E	Thermocouple type E
J	Thermocouple type J
K	Thermocouple type K
L	Thermocouple type L
N	Thermocouple type N
R	Thermocouple type R
S	Thermocouple type S
T	Thermocouple type T
U	Thermocouple type U
W3	Thermocouple type W3



Drawing 1. **Resistance overcharge**



Drawing 2. **Configuration**

Ordering Example:

PRetop5334-B-K-0÷300°C

stands for: Temperature transmitter type PRetop 5334 intrinsic safe, thermocouple type K, range 0÷300°C.

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