

Two-Wire Fixed Range Temp/Pot Transmitters


DIN Rail Mount, Low-profile, Low Cost Type

B5TS Thermocouple input
B5RS RTD input
B5MS Potentiometer input

- 41 mm (1.6") deep
- Linearization, burnout protection, cold junction compensation (T/C input) standard
- Optional 25 msec. response time selectable



Head Mount Type

26TS1 Thermocouple input
26RS RTD input
26R1 RTD input, non-isolated
26REX RTD input, non-isolated, ATEX approved 

- Suitable for DIN B type head
- Linearization, burnout protection, cold junction compensation (T/C input) standard
- Optional 25 msec. response time selectable for 26TS1 and 26RS



SPECIFICATIONS

Series	B5 Series			26 Series			
Model No.	B5TS	B5RS	B5MS	26TS1	26RS	26R1	26REX
Input	K, E, J, T B, R, S, N	Pt100, Pt50 Ni508.4	100Ω min. 10kΩ max.	K, E, J, T B, R, S, N	Pt100, Pt50 Ni508.4	Pt100	Pt100
Output	4-20 mA (600Ω at 24Vdc)			4-20 mA (600Ω at 24Vdc)		4-20 mA (775Ω at 24V)	4-20 mA (600Ω at 24V)
DC power input	12-28 Vdc			12-32 Vdc		8.5-32 Vdc	12-30 Vdc
Accuracy	±0.1% (K/E/J) ±0.2% (T/N) ±0.3% (B/R/S)	±0.2%	±0.1%	±0.1% (K/E/J) ±0.2% (T/N) ±0.3% (B/R/S)	±0.2%	±0.1% or ±0.1°C	±0.1% or ±0.1°C
Response (0-90%)	≤0.5 sec. (25 msec. optional)			≤0.5 sec. (25 msec. optional)		≤0.5 sec.	≤0.5 sec.
Operating temp	-40 to +80°C (-40 to +176°F)			-40 to +85°C (-40 to +185°F)		-40 to +85°C (-40 to +185°F)	-40 to +80°C (-40 to +176°F)
Insulation resistance	≥100MΩ with 500 Vdc					----	----
Dielectric strength	2000 Vac @1 minute (input to output to ground) (1500 Vac for 26TS1)						----
CE marking	Yes					Yes	EMC / ATEX
Safety approval	----					----	IS