

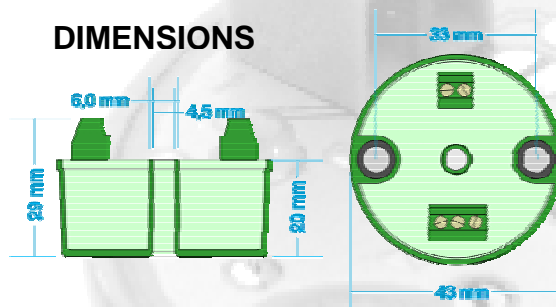


### Low-budget analogue 2-wire headmount transmitter

## ALM42

- Analogue transmitter
- Free scalable
- High accuracy
- Rugged epoxy coated housing
- Temperature linear output (Pt100 version)
- 5 Year warranty

### DIMENSIONS



Especially for those who require a low budget transmitter with high accuracy we have developed the ALM series of transmitters. This series is limited to four different models, yet covering the entire range of millivolts, Pt100 and thermocouples K, J and T. You will find an easy to install transmitter and amazing accuracy on all models.

This device can be easily scaled by making a solder link on top of the transmitter and fine adjustment is done with multiturn potentiometers.

### Specifications ALM42

Power supply	14 – 40 VDC
Polarity protected	Yes
Power supply effect	0.002%/V
Output	4 – 20 mA
Load capability	(V[bat] - 14 V) / 20 mA
Ambient temperature	-20 to +80°C
Zero adjustment Pt100	-50 to +50°C
Zero adjustment T/C	-25 to +50°C
Burn out	Upscale (max. 35 mA)
Zero drift	± 0.025%/°C
Span drift	± 0.010%/°C
Dimensions Dia. x H	43 mm x 29 mm

Pt100	
Range	-50 to +800°C
Minimum span	50°C
Linearization	0.1%
Sensor lead effect	0.03°C/Ohm
Max. sensor line resistance	250 Ohm
Thermocouple	
Range T/C K	0 to 1200°C
Range T/C J	0 to 900°C
Range T/C T	0 to 400°C
Minimum span	150°C
Burnout downscale	Optional
Cold junction drift	0.03°C/°C
Max. sensor line resistance	10 kOhm
mV	
Range	10 to 160 mV

### Order Information: specify model

ALM42-R	Input Pt100
ALM42-T-K	Input T/C K
ALM42-T-J	Input T/C J
ALM42-T-T	Input T/C T
ALM42-mV	Input mV


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