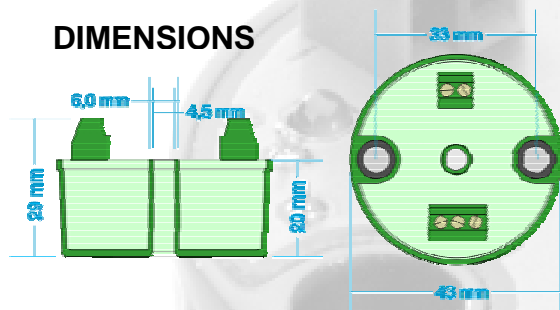




Low-budget analogue 2-wire headmount transmitter **ALM46**

- Analogue transmitter
- Fixed range model
- High accuracy
- Rugged epoxy coated housing
- Fine adjustment with potentiometers
- 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. The ALM46 is scalable within the minimum range +100%. This transmitter is available with standard ranges, and can be selfconfigured. Fine adjustment can be done with multiturn potentiometers.

Specifications ALM46

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	-10 to +70°C
Zero adjustment Pt100	-25 to +25°C
Zero adjustment T/C	-25 to +25°C
Span adjustment	+100% of min. span
Burn out	Upscale (max. 35 mA)
Zero drift	± 0.030%/°C
Span drift	± 0.015%/°C
Dimensions Dia. x H	43 mm x 29 mm

Pt100	
Range	-25 to 800°C 4 fixed range models
Linearization	0.15%
Sensor lead effect	0.05°C/Ohm
Max. sensor line resistance	100 Ohm
Thermocouple	
Range T/C K	0 to 1200°C 3 fixed range models
Range T/C J	0 to 900°C 3 fixed range models
Range T/C T	0 to 400°C 2 fixed range models
Burnout downscale	Optional
Cold junction drift	0.05°C/°C
Max. sensor line resistance	5 kOhm
mV	
Range	10 to 160 mV 4 fixed range models


S-Products
www.s-products.com

Order Information: specify model

ALM46-R-*	Input Pt100
ALM46-T-K-*	Input T/C K
ALM46-T-J-*	Input T/C J
ALM46-T-T-*	Input T/C T
ALM46-mV-*	Input mV

Span	Pt100	T/C K	T/C J	T/C T	mV
1	50...100°C	150...300°C	150...300°C	150...300°C	10...20
2	100...200°C	300...600°C	300...600°C	300...400°C	20...40
3	200...400°C	600...1200°C	600...900°C		40...80
4	400...800°C				80...160

* Specify desired span (see table)