



Short Description

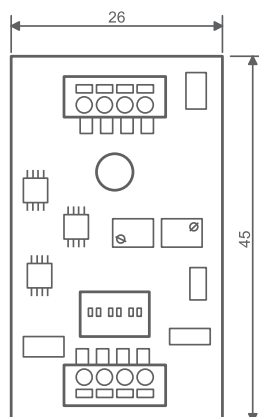
- Small Analog Signal Converter
- Selectable output; 4 – 20mA or 0 – 10V
- Capable of connecting strain gauge-based sensors
- Precision amplification circuit with high accuracy and low temperature drift
- Low-pass filtering with good anti-interference performance
- Anti-reverse polarity and anti-overvoltage protection

Technical Specifications AWT PCB

Linearity	%FS	0.01
Measuring Signal Range*	mV/V	1.0 ~ 3.0
Input Resistance	Ω	≥ 350
Excitation Voltage	V_{DC}	5
Excitation Current	mA	60 max.
Output Signal	mA / V	4 – 20 (max 300 Ω) / 0 – 10V (min 10k Ω)
Temperature Drift on Zero	FS/10°C	$\pm 0.1\%$
Temperature Drift on Span	FS/10°C	$\pm 0.05\%$
Power Supply and Consumption	V_{DC}	12 ~ 24 $\pm 10\%$; 2W
Nominal Temperature	°C	-20 ~ +60
Operation Temperature	°C	-30 ~ +80
Humidity (condensate free)	RH	85%
Support Sensors qty	pcs	4 (@ 350 Ω)
Size	mm	46 × 25 × 11
Fixation hole	$\varnothing$	4mm

* = sensitivity 1, 2 or 3mV/V value selectable via dip switches

Dimensions in mm



Wiring Connections

