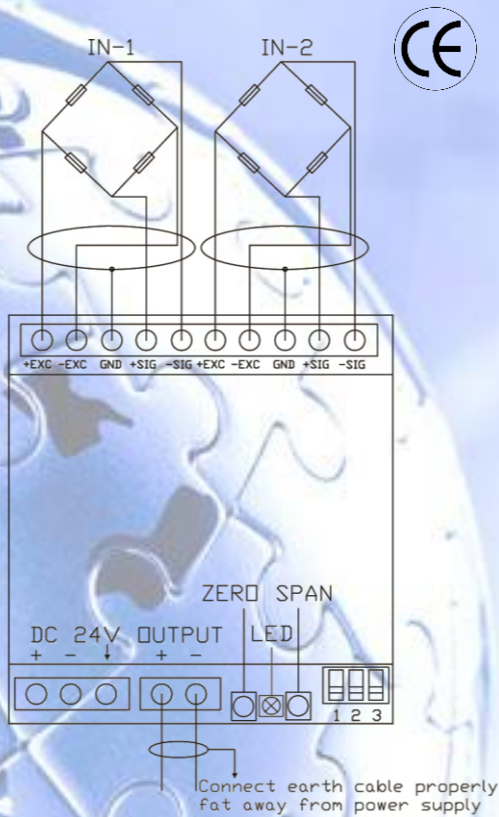


Board designed to amplify the signal to an equipment with 4-20 mA or 0-10V current loop. For 35mm DIN rail.



### MEASURES

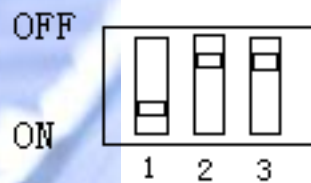
- Height 83 mm
- Width 70 mm
- Depth 67 mm

### ELECTRICAL CHARACTERISTICS

- Working temperature range - Min: -30°C / Max: +60°C.
- Power supply: 24VDC
- Input signal range: 0 - 30 mV
- Output Signal: 0-5V / 0-10V / 4-20mA

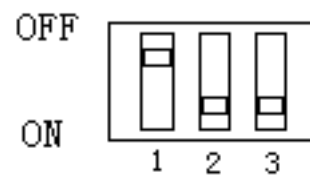
### OPERATION

#### Switch Description



1 = ON  
2 = OFF  
3 = OFF

Output 4-20 mA



1 = OFF  
2 = ON  
3 = ON

Output 0-5V / 0-10V

## TECHNICAL SPECIFICATIONS

Weight conversion is done by a 24-bit ADC  $\Sigma$  24-bit ADC converter.

Full digital conversion, no analogue controllers such as potentiometers.

Analogue output is debugged by two buttons, zero value and full scale value only need to be set at the same time.

• Accuracy	1/10000
• Non-linearity	$\leq 0.008\%$ F.S
• Zero thermal drift	$\leq 0.4\mu\text{V}$ /
• Full range temperature coefficient	$\leq 10\text{ppm}$ /
• Full range input signal range	-30 mV ~ + 30mV
• Sensitivity of the mimic imputation signal	0.5uV / d (Mínimo) 1.5uV / d (Recommended)
• Setting range	+ - 50% FS
• Screen	There is no screen
• Relative humidity	$\geq 90\%$ (Condensación)
• Power supply	+18 ~ + 26VDC, > 0.5A
• Load cell excitation voltage	DC 5V 1.5A

