



# CA4

Conditioner with analogue output for 4 inductive gauging probes





The CA4 is a compact conditioner module for half bridge (HBT) or LVDT probes. It is powered from the mains 230V or 110V.

The zero and gain setting makes it compatible with most of the market's probes.

It is fitted with 4 analogue outputs from 0 to  $\pm 10$  VDC and 0 to  $\pm 20$  mA.

By mixing the zero and the gain (from 0 to 100%) and the full scale, it is possible to get a current output of 4-20mA or a voltage output from 0 to + 5VDC or 0 to + 10VDC



### Main characteristics

- 4 independant channels
- Current or voltage output
- Inductive HBT or LVDT probe
- Robust and reliable
- 4 DIN connectors
- 220V power supply

### Technical characteristics

Dimensions (mm)	126 x 110 x 53
Mass	300 g
Power supply	230 or 110 VAC
Consumption	2 VA
Operating temperature	0 to 40 °C (storage : -20 to + 85°C)
Connection	DIN connectors (5 PINs) and screw terminal
Energising frequency	11.7 kHz
Energising voltage	4 Vpp
Output voltage	$\pm 5$ VDC FS (500 Ohms minimum load) $\pm 10$ VDC FS (1 kOhms minimum load)
Intensité de sortie	$\pm 20$ mA FS (150 Ohms maximum load only with $\pm 5$ Vcc)
Oscillator protection	Protected against openings and short circuits.
Output filter	500 Hz bypass (-3dB)
Type of probe	Half bridge (HBT) (2 kOhms load) and LVDT
Probe's sensitivity	Adjusted for Half bridge, adjustable between 45 to 450 mV/V

### References

Item	Reference
Conditioner CA4	12004



Metro  
Rue de la Jonchère  
74420 Boège  
France

Phone. +33(0)4-50-39-08-49  
Fax. +33(0)4-50-39-08-33  
E-mail : [info@metro-fr.com](mailto:info@metro-fr.com)  
Web : <http://www.metro-fr.com>

Your distributor

C4EN1000212