

8201

IEPE Signal Conditioner



8201 is a portable single channel ICP® (IEPE) Signal Conditioner.

It provides a 24V / 4mA power supply for sensors with integrated amplifiers. Two selectable amplifications 0dB and + 20dB are available.

Indicators for signal conditioning minimize the risk of operator error. The integrated rechargeable 9 Volt battery is suitable for 40 minutes buffer time. Charging can take place during operation.

The **8201** is equipped with a high-quality, stable aluminum housing.

The high signal-to-noise ratio, the large dynamic range and the excellent accuracy make the 8201 the ideal solution for demanding measurement tasks.

TECHNICAL DATA:

Input / Output	1/1 BNC
Input type	IEPE 4mA constant current @ 24 Volt
Sensor indicator	open, short, overload
Input impedance	100 kOhm AC coupeld
Output impedance	100 Ohm
Amplification	x1, x10 (0dB, 20dB)
Floor noise	<1 mV rms
Distortion	< 0.1%
Accuracy	< 0.5 %
Output Max.	+5 Vp
Frequencyresponse	0.3 Hz - 100 kHz

Battery	NiMh 8.4 Volt
Power Supply	100-240 Volt AC DC 12 Volt 2000 mA

Housing	Aluminium
Dimensions	120 mm x 66 mm x30 mm (l/w/h)
Weight	235 g
Operating temperature	0°C -50°C
Storage temperaturre	-55°C - 85°C