

- Compact DIN Rail mount
- 4-20mA output proportional to voltage output
- Dimensions – 27x83x114mm (exc. Connectors)
- Weight – 180gms
- Fits standard 35mm and 15mm DIN rails
- Power on indication
- 9 – 30 V DC power input
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The DR1000-I is a unique DIN rail mount 4-20mA current output, operates as current source or sink developed and built by Kemo Ltd.

Offering a standard voltage output on O/P1 this unit changes O/P 2 to be a 4-20mA output. This provides the facility to convert the output from a typical IEPE accelerometer to a 4-20mA output or an IEPE microphone to a 4-20mA signal.

Connection is via screw terminals and mating cables can be supplied. DC input power in the range of 9-30VDC is required making it ideal for many site applications.



Specification	
Power Input	9 – 30 Volts DC, 2.5 Watt. Polarity protected, isolated from signal path.
Connections	Screw Terminals
Indicators	External LED indicator shows correct power to unit
Operating Temp.	10 to 45 °C, non-condensing.
Input Coupling	DC / AC (with dual line AC coupling for differential input)
Input Mode	Single ended/Differential
IEPE power	24VDC, 4 to 10mA selectable
Input Impedance	1 MΩ
Input Gain	x1,x2,x5,x10,x20,x50,x100,x200,x500,x1000. Set by on board jumpers.
Bandwidth	0 dB gain, > 500 kHz
Signal Level	+/- 10 Volt pk-pk
Noise and THD	< 0.003% typical (depending on filter type, signal amplitude and frequency)
Output Impedance	47Ω
Outputs	2 Buffered voltage outputs, O/P1 – Voltage, O/P2 – 4-20mA

Due to continued product development Kemo Limited reserve the right to change specification without notice.

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