

- Compact DIN Rail mount
- IEPE amplifier via screw terminals
- 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-V is a unique DIN rail mount IEPE signal conditioning amplifier developed and built by Kemo Ltd.

Ideally suited to industrial application using IEPE powered devices such as vibration sensors, pressure sensors or thermal measurement devices.

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.

IEPE supply is user selectable via board jumpers, as is output gain.

| 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 |

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