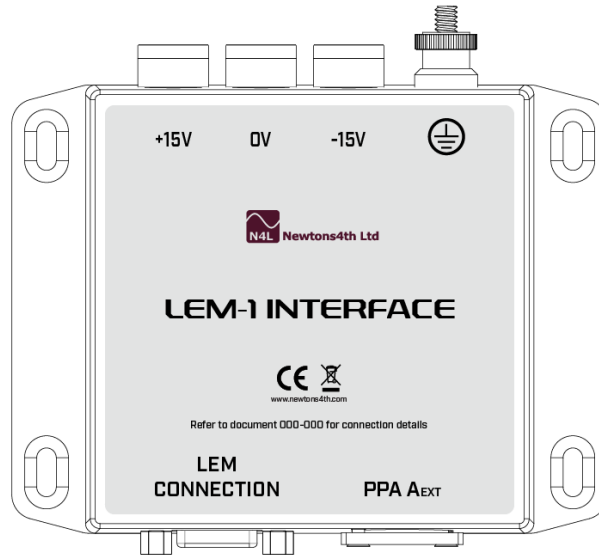




LEM-1 – Single Channel LEM Interface

+/-15V Power Supply
1Ω Resistive Burden
Voltage Output via BNC
Compatible with many LEM transducers



The LEM-1 Current transducer interface provides isolated power to many of the LEM range of IT/ITN/IN current transducers. It also converts the output current from the secondary of the LEM transducer into a voltage, which is then interfaced to a power analyzer via a BNC connector.

Compatible LEM Transducers:

| | | | | |
|----------|----------|-----------|----------|----------|
| IT60-S | IT65-S | IT200-S | IT205-S | IT400-S |
| IT405-S | IT605-S | IT700-S | IT1000-S | IT605-S |
| ITN600-S | ITN900-S | ITN1000-S | IN1000-S | IN2000-S |

| Parameter | Specification |
|------------------------|--|
| Mains Input to PSU | 100 to 240V, 47/63Hz (0.65A@100V, 0.4A@196V) |
| Burden Resistance | 1Ω +/- 0.1% |
| Interface cable length | 2 meters max |
| PSU output to LEM-1 | +/-15V, 1.4A max |
| Dimensions(mm) | PSU : 145W, 75H, 91D LEM-1 : 122.2W, 42H, 92D |
| Output connector | BNC |