

# ZELPELL SENSOR + 4-20 mA PCB FOR OEM APPLICATIONS

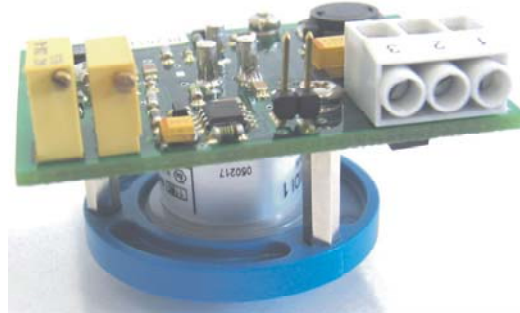


Fig. 1: LEL sensor + 4-20 mA p.c.b. with zero and span potentiometer and screw terminals, with installation ring and distance bolts

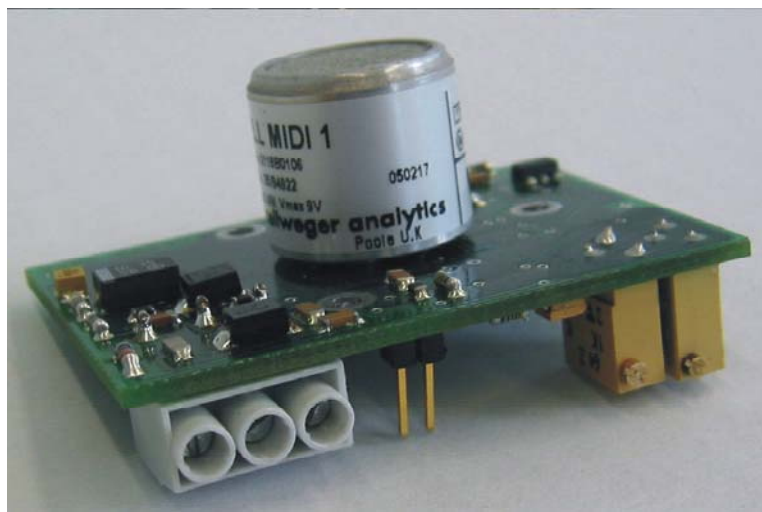


Fig. 2: LEL sensor plugged on 4-20 mA p.c.b.

## SPECIFICATION

|                              |  |
|------------------------------|--|
| <b>Principle:</b>            | electro-catalytic                        |
| <b>Operation:</b>            | continuous                               |
| <b>Gas entry:</b>            | by diffusion                             |
| <b>Measuring range:</b>      | 0-100% LEL of flammable gases            |
| <b>Response time t90:</b>    | < 10 sec                                 |
| <b>Temperature range:</b>    | -20 °C up to +40°C                       |
| <b>Humidity range:</b>       | 15-90% relative humidity, non-condensing |
| <b>Long term zero drift:</b> | smaller +/- 5% LEL / year                |
| <b>Long term span drift:</b> | smaller +/- 2% LEL / year                |
| <b>Power supply:</b>         | 24 V d.c.                                |
| <b>Dimensions:</b>           | 41 x 56 mm, 26 mm high                   |

