

PIL AMMONIA OPLD 4000

GENERAL PROPERTIES

Lower Detection Limit*	5 ppm*
Accuracy	½ of the detection limit
Response time (t ₁₀)	0.5 - 4s**
Saturation time (t ₉₀)	6t ₁₀

*with a min distance of 8m and a max distance of 15m between laser and reflector

**The final measurement is subjected to a user defined rolling average.



ENCLOSURE CONSTRUCTION

Material	Powder coated diecast Aluminium
Cable entry	Single M16
Dimensions	160l x 158w x 92h (mm)
Weight	2.5kg

ELECTRICAL PROPERTIES

Supply	7-40 VDC 2 Watts max
4-20mA Output, 2 wire connector	External supply ***Vmin - 40V
4-20mA Output signalling	0mA – open circuit 2mA – fault 4mA – zero gas level 20mA – full-range gas level 22mA – over-range gas level
Communication	RS232 as standard, other protocols by request

***Vmin depends on external loop impedance at 22mA. eg Vmin = 12v5 @ 250 Ω loop

ENVIRONMENTAL PROPERTIES

IP Rating	IP54
Operating temperature	5°C to 40°C
Operating humidity	0 – 95% non-condensing
Storage	-10°C to 50°C, <75%RH

Features

- No repeat calibration or sensor replacement required
- Periodic inspection recommended
- Fast response time
- High accuracy and reliability
- Integrates with SCADA

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