

# AMELEC

SIGNAL CONDITIONING

Sandhurst Instruments

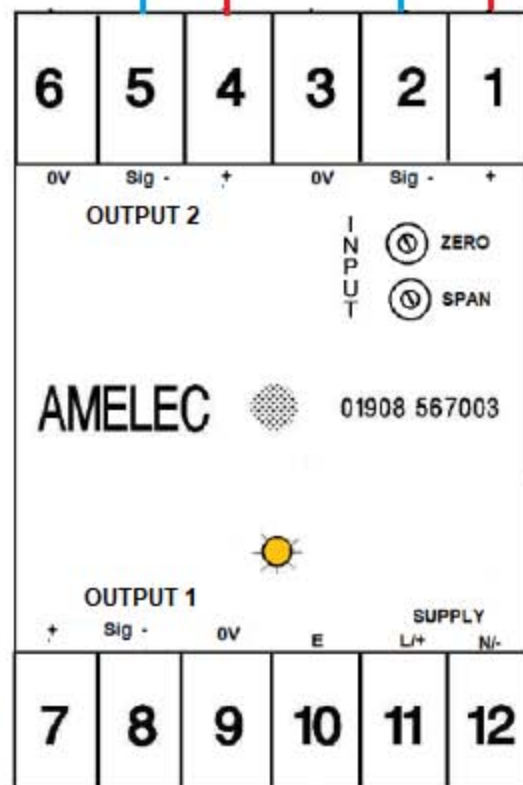
Protecting the environment

## ADM237X-2 High / Low Level monitoring & Control Loops



### TERMINATION

24V +	1
Source	
Sig -	2
Sink	
0V	3
Source	
+ve	4
-ve	5
Sink	
0V	6
Source	
+ve	7
-ve	8
Sink	
0V	9
Earth	10
Live / +	11
Neutral / -	12



### FUNCTION

In a typical High and/or Low Level monitoring application, the ADM237X provides 24Vdc 2-wire input loop Excitation to power LH176 depth / level transmitters and retransmits an isolated 4-20mA which may be used for ADT132 or ADT135 pump/valve control trip amp's or to another associated control system.

The ADM237X-2 module has a 2nd isolated output, which may be used for local indication or telemetry. Active or passive output ports available by way of termination allows for use with a wide variety of associated monitoring and control devices.

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## Wastewater, Surface Water Ground/Sea Water LH176 Connection

Min. Full Scale Range mwg	2mwg
Max. Full Scale Range mwg	200mwg
Over Pressure %	200
Burst Pressure %	300

- Fully submersible
- Suitable for use with both drinking water and blackwater
- Lightning suppression
- 5:1 turndown

### Materials

- Diaphragm Body Nose Cone & Cover : 316L Stainless Steel
- Sensing Element : Micro-Machined Silicon
- 'O' Rings : Viton
- Cable : Outer Cover Polyurethane, Inner Cores Polyethylene Insulated, supplied complete with Kevlar strain wire, vent tube and screen.



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