



MONITORING SYSTEMS

AI221 Analogue Input Monitor



For on-site and remote monitoring of 4-20 mA inputs.



- Networked product
- Alarms on high and/or low values
- Suitable for monitoring third party products
- Values can be scaled linearly
- Datalogging at board level
- Up to 4 individual input titles
- Set up parameters maintained for restart

Product Data

Input Monitoring

The AI221 monitors/alarms up to 4 4-20 mA inputs. Individual titles can be selected for each channel and the channel readings can be scaled linearly to any value.

Alarms

The AI221 will monitor and alarm on high and/or low values. Alarm parameters and delay periods are configurable on site or remotely.

Datalogging

Provides comprehensive alarm reporting and datalogging when connected to a JTL network.

Remote Access

Alarm parameters and alarm settings can be viewed and adjusted remotely via the JTL network.

Input excitation

The AI221 supplies 15 Vdc excitation voltage for the 4-20 mA transmitters. The transmitters can use an external supply voltage as an alternative.



Hardware

Analogue inputs	4
Input impedance	250 ohm
Input isolation	none
Input type	4-20 mA
Transmitter excitation voltage	15 Vdc

Technical Specification

Analogue input 1	Channel 1
Analogue input 2	Channel 2
Analogue input 3	Channel 3
Analogue input 4	Channel 4

Communications port	RS485 2 wire
Communications data rate	4800 baud
Communications protocol	JTL Jnet zone protocol

Unit dimensions boxed (L x W x H)	140 x 140 x 43 mm
Unit weightboxed	0.33 kg

Power supply (standard).....	230 V 48-62 Hz
(optional).....	24 V

Ordering Information

AI221..... Complete unit boxed

Power Supply Options:

For 24 V append - 24 to order code



This unit conforms with the relevant EU standards when fitted in accordance with its installation instructions.

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