



## MONITORING SYSTEMS AI220 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 AI220 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 AI220 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 AI220 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

AI220..... 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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