

EUROLEC INSTRUMENTATION LTD.

HPMA PRESSURE SYSTEMS

OPERATING INSTRUCTIONS

The C21 Indicator / Alarm used for the HPMA Series of Pressure Systems, operates from a mains supply of 90 - 250VAC 47-63Hz, an operating manual for this model is included.

The pressure transmitter used for the HPMA has 4–20mA output and is connected to the C21 indicator as follows:

Connection information:

C21 pin No.	Description	Transducer
1	Mains live	
2	Mains neutral	
3	+12V sensor supply	Brown wire
4	0V sensor supply	
9	V+ sensor output	Blue wire
10	V- sensor output	
5 & 6	Alarm relay max.2A/240V	

Pins 4 & 10 are linked.

Operation:

To scroll through the menu options, of setpoint SP1 & offset adjust SHiF, press the scroll button  (the button on the left hand side) on the C21 indicator, then pressing the up▲ or the down▼ arrow buttons to increase or decrease their values.

For all pressure versions, with no pressure applied, the reading on the indicator should read zero.

If there is an offset, then increase or decrease the value of the offset adjust SHiF on the C21, by this amount, to correct the display reading.

Alarm output:

There is an alarm output facility, by using the relay output on pins 5 & 6 of the C21.

The alarm limit is set by changing the value of setpoint SP1 on the C21.

The alarm type can be changed from a “high alarm” to a “low alarm”, by changing the OUT1 setting, on C21 program menu, from dirt (direct) to revr (reverse). Press and hold the scroll button  for 3 seconds to access the program menu.

Environmental Specification:

The pressure transmitter uses a stainless steel housing and along with the front panel of the C21 are rated to IP65.

Warranty

This instrument has been carefully assembled and tested, and is warranted against faulty workmanship and materials for 24 months from the date of purchase.

During the warranty period any defective instrument will be repaired or replaced at the discretion of the manufacturer. This warranty does not cover damage or failure resulting from misuse or accident. Modification, adjustment or any alteration with the internal arrangement of the instrument shall absolve the manufacturer from any liability in respect of the instrument.

Any instrument to be repaired should be forwarded to the manufacturer, carriage paid and at the owner’s risk. A brief description of the fault should be included.

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