

DIGITAL DISPLAYS

TRANSMITTER DISPLAY 0-10VDC M/S - MBAR - BAR - %RH - C - KPA - PA ETC

EDIG-2

<p>■ These products are Front Panel mounted and can be used to display the sensed parameter by receiving a 0-10vdc input from Pressure, Temperature, Humidity, Flow, Level transmitters and damper/valve motors. The display and transmitter range must be matched. Otherwise use the 0 -10 or 0-100 display range. The display will be linear across the input range.</p>	 <p>EDIG-2</p>	<p>Accuracy approx 1% of range.</p> <p>Suitable for use with EDT.. EWT.. EWPT.. EAV.. EHDT.. EHRT.. ED-V040 EI-V110 E08..M E16..M etc.</p> <p>The ranges are selected via a 16 position switch.</p> <p>Input current < 0.5mA Enclosure Flammability = UL94-V2</p>
--	--	--

Type	Selectable Display	Selectable Range	Supply	Input	Power Consumption	Mounting	Enclosure
EDIG-2	C %RH m/s mbar Bar kPa Pa etc	See chart	24VAC/DC	0-10VDC	<3.3VA	Front Panel	IPO0

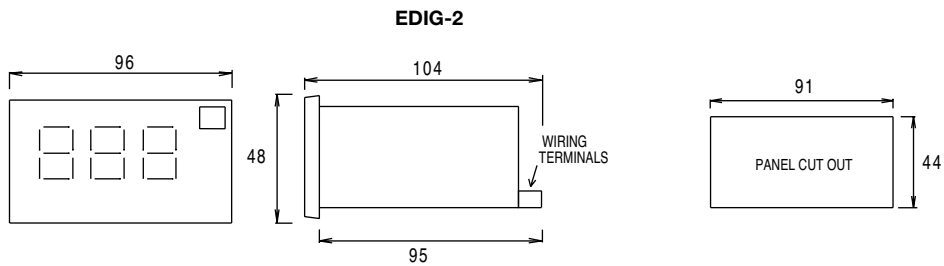
RANGE CHART:

Switch Position	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Display Range	0-1	0-2	0-3	0-5	0-10	0-16	0-25	0-50	0-100	0-200	0-500	0-999	-10/+40	-10/+110	-10/+50	25/95

Example: If the range required is 0-100 mbar, then set the switch position to 8.
At 0vdc input, the display is zero and linear up to 10vdc, when the display will be 100 mbar

THIS PRODUCT CAN ALSO BE USED AS A POSITION INDICATOR FOR 0-10VDC DAMPER / VALVE MOTORS.

DIMENSIONS

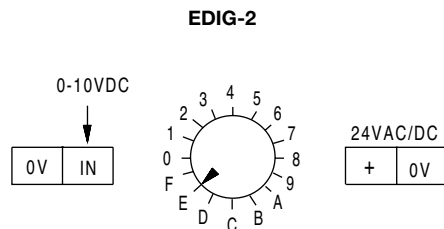


Fixing brackets & screws are provided.

A set of labels are included with the following symbols and can be applied to the unit as shown above -



WIRING:



Rotary switch to select the range required.

INSTALLATION: Terminals 0.5-2.5mm Sensor / control signal cable size 7/0.2mm Max length 100m
Screened cable is recommended The screen should be earthed at controller end only
Keep sensor/control signal wires away from power cables/units which may cause interference.

TRANSMITTER DISPLAY 0-10VDC WITH SET POINT SWITCH

EDIG-4

<p>■ This unit accepts a 0-10VDC signal from Pressure, Temperature, Humidity, Flow or Level transmitters and Damper / Valve motors. The display indicates the sensed parameter which is linear across the range. A setpoint and differential can be adjusted to switch a volt free contact. The range of the transmitter must match the display range. Otherwise use the 0-10 or 0-100 display range.</p>	 <p>EDIG-4</p>	<p>Accuracy approx 1% of range.</p> <p>Suitable for use with EDT.. EWT.. EWPT.. EAV.. EHDT.. EHRT.. ED-V040 EI-V110 E08..M E16..M etc.</p> <p>The ranges are selected via a 16 position switch.</p> <p>Input current < 0.5mA Enclosure Flammability = UL94-V2</p>
---	--	--

Type	Selectable Display	Selectable Range/Setpoint	Diff Adj	Supply +15%	Input	230VAC SPDT	Power Consumption	Mounting	Enclosure
EDIG-4	C %RH Bar kPa m/s Pa mbar etc	See chart	See chart	24VAC/DC	0-10VDC	10(3) A	<3.3VA	Front Panel	IPO0

RANGE CHART:

Switch Position	0	1	2	3	4	5	6	7	8	9
Display Range	0-1	0-2	0-3	0-5	0-10	0-16	0-25	0-50	0-100	0-200
Diff adj.	0.1-0.9	0.1-1.9	0.1-2.9	0.1-4.9	0.1-9.9	0.1-15	0.1-24	0.5-49	1-99	1-199

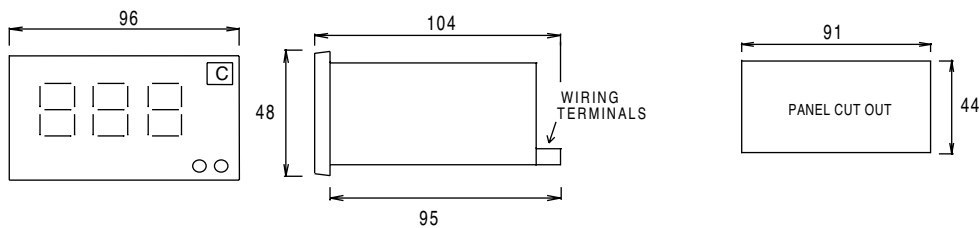
Switch Position	A	b	C	D	E	F
Display Range	0-500	0-999	-10 / +40	-10 / +110	-10 / +50	25/95
Diff adj.	1-499	1-900	0.5-40	0.5-40	0.5-40	0.5-40

Example:

If the range required is 0-100mbar, set the switch position to 8. At 0vdc input, the display is zero and linear up to 10vdc, when the display will be 100mbar. The switch point & differential is adjustable

DIMENSIONS

EDIG-4



Fixing brackets & screws are provided.

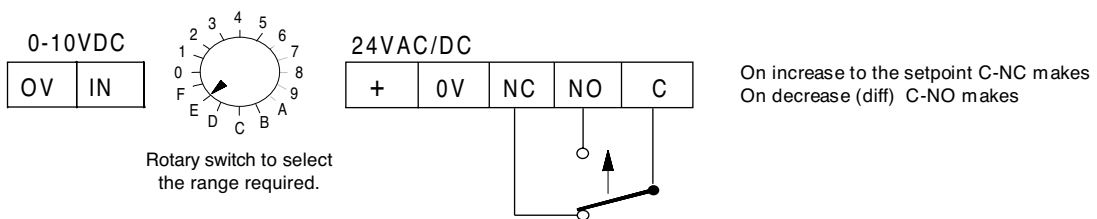
A set of labels are included with the following symbols and can be applied to the unit as shown above - **kPa mbar Pa m/s bar %RH C**

ADJUSTMENT:

Press either button on the front panel and the current Setpoint is displayed. Adjust to the required value by pressing the buttons (left =decrease, right = increase) The Diff is then displayed which can also be adjusted in the same way, if required. After the adjustments have been made, the sensed parameter will be displayed automatically.

WIRING:

EDIG-4



INSTALLATION:

Terminals 0.5-2.5mm
Screened cable is recommended
Keep sensor/control signal wires away from power cables/units which may cause interference.

Sensor / control signal cable size 7/0.2mm
The screen should be earthed at controller end only

Max length 100m