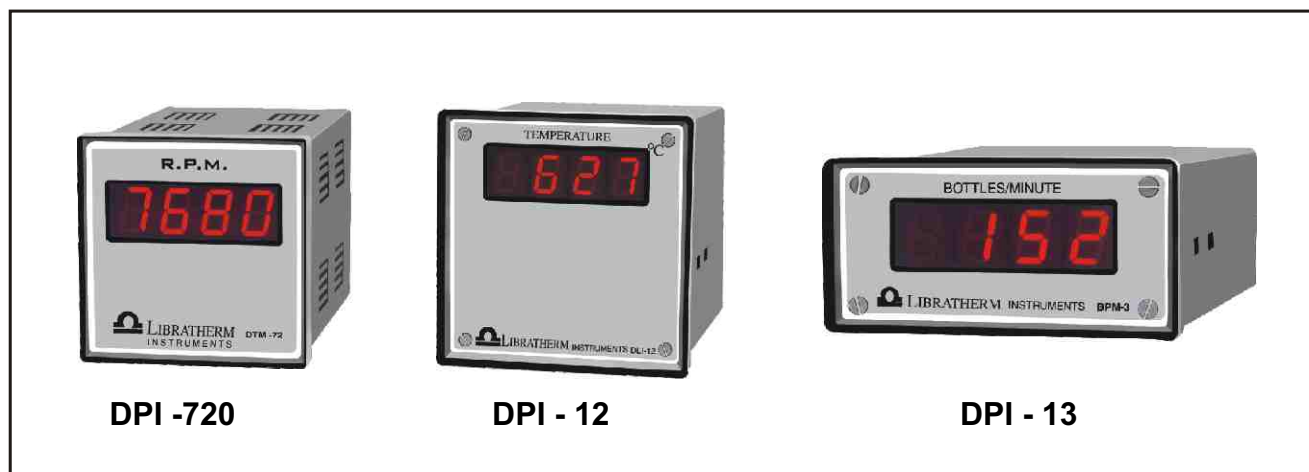


## (L1) DIGITAL PROCESS INDICATOR



### MODEL WISE DESCRIPTIONS :

L1	MODEL	DIGITAL PROCESS INDICATOR	SIZE
13.1	DPI-720	Digital Process Indicator (3 & ½ Digit)	72 x 72 x 110
13.2	DVI-483	AC / DC Voltage Indicator	96 x 48 x 110
13.3	DCI-484	AC / DC Current Indicator	96 x 48 x 110
13.4	DPI-12	Digital Process Indicator (3 & ½ Digit)	96 x 96 x 110
13.5	DPI-13	Digital Process Indicator (3 & ½ Digit)	96 x 48 x 110
13.6	DPI-14	Digital Process Indicator (4 or 4 & ½ Digit)	96 x 96 x 160
13.7	DPI-15	Digital Process Indicator (4 or 4 & ½ Digit)	96 x 48 x 110
13.8.0	DPI-16	Digital Process Indicator 3 and ½ digit but 1" display	192 x 96x 160
13.8.1	DPI-17	Digital Process Indicator 3 and ½ digit but 2" display	Std.
13.8.2	DPI-18	Digital Process Indicator 3 and ½ digit but 4" display	Std.

### DESCRIPTION:

Libratherm offers Digital Process / Voltage / Current Indicators in various sizes in Metallic / ABS (plastic) enclosures, which are low cost, accurate, rugged and reliable and suitable for general-purpose applications.

The range covers simple process Indicator in 3 and ½ digit (0 to 2000 counts) and 4 and ½ digit (0 to 20000 counts) having a varied application and usage. They are mainly used for precise and accurate indication of process parameters such as

pH, ORP, Level, Pressure, Flow, Speed, RPM, AC/DC voltage and Current etc. Digital process indicators are preferred over analog or dial type indicators for easy and accurate readability. 24VDC loop supply to power the process transmitter and retransmission signal proportional to input can also be provided

For on site calibration and decimal point selection the Zero / Span presets and jumper selection are accessible to the user.

**FEATURES :**

- ▶ Small and compact in size.
- ▶ Highly accurate and sturdy in operation.
- ▶ Elegant looks.
- ▶ Very easy to use.
- ▶ Accepts standard inputs such as (4-20)mA, (0-10)VDC, (0-5)A, (0-230)VAC, etc..

**APPLICATIONS:**

- ▶ For digital indication of process values such as Speed, pH, ORP, Level, Pressure, Flow, RPM, Load, AC/DC current and Voltage etc...

**TECHNICAL SPECIFICATIONS:**

<b>Input</b>	(4-20)mA, (0-5)VDC,(0-10)VDC, (0-5)AAC, (0-230)VAC, etc.
<b>Range</b>	0 to $\pm$ 1999 units (User may specify the required display range).
<b>Accuracy</b>	Indicating accuracy of better than $\pm$ 0.1% of the range.
<b>Resolution</b>	0.001 / 0.01 / 0.1 / 1 unit (fixed or user selectable optional)
<b>Display</b>	3 & ½ or 4 or 4 & ½ Digit 0.5" Red 7-segment LED display.
	Larger display sizes of 1",2" and 4" are also available (Optional)
<b>Calibration</b>	On site calibration facility-using ZERO/SPAN presets.
<b>Retransmission Output</b>	4-20mA @ RL max = 400 ohms or 0-10VDC @ RL min = 100KOhms proportional to input.
<b>Decimal Point</b>	Fixed or jumper selectable on the back plate
<b>Loop Supply</b>	24VDC @ 100 mA to power external loop transmitter (optional)
<b>Supply</b>	230VAC or 110 VAC $\pm$ 10%, 50/60Hz or 24 VDC.
<b>Size</b>	72 x 72, 96 x 48, 96 x 96 and 192 x 96 mm. larger size as per std.
<b>Enclosure</b>	Metallic / ABS plastic with polycarbonate front.

MODEL	INPUT (A)	MEASURING UNITS (B)	INDICATING RANGE (C)	LOOP SUPPLY (E)
DPI-720	(4-20)mA (A1)	°C/°F/°K (B1)	0.0 to 199.9 (C1)	24VDC (E1)
DVI-483	(0-10)VDC (A2)	mV/V(AC/DC) (B2)	0 to 1999 (C2)	None (E2)
DCI-484	(0-5)A (CT) (A3)	mA/A(AC/DC) (B3)	0.00 to 14.00 (C3)	
DPI-12	(0-230)VAC (A4)	Kg/Kgf (B4)	0.0 to 100.0 (C4)	
DPI-13	Other (A5)	pH (B5)	-1999 to +1999 (C5)	
DPI-14		ORP (B6)	0.00 to 10.00 (C6)	
DPI-15		mmWc (B7)	0 to 19999 (C7)	<b>SUPPLY (F)</b>
DPI-16		Bar/PSI (B8)	-19999 to+19999 (C8)	230 VAC (F1)
DPI-17		Kg/cm <sup>2</sup> (B9)	Other (C9)	110 VAC (F2)
DPI-18		%RH (B10)		24 VDC (F3)
		RPM (B11)		
		MPM (B12)	<b>RETRANSMISSION</b>	
		LPM (B13)	<b>OUTPUT (D)</b>	
		BPM (B14)	(4-20) mA (D1)	
		?S/cm (B15)	(0-10) VDC (D2)	
		% (B16)	None (D3)	
		Other (B17)		

**EXAMPLE:**

MODEL	A	B	C	D	E	E	UNIT
DPI-13	A 1	B 2	C 2	D 1	E1	F1	XXX

This is a process indicator Model DPI-13 having input as (4-20)mA and range (0-1999)mVDC with 4-20mA retransmission output and 24VDC loop supply and Operating on 230VAC supply. User must specify the unit of measurement to mark the same unit on the front panel of the indicator.

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