



# PROCESS INDICATOR

PI -41

## APPLICATIONS

Monitoring of process parameters  
with digital display

- Pressure • Flow
- Level • Temp.

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Measurement of PH, O<sub>2</sub> (oxygen),  
CO (Carbon Monoxide), PH, etc.  
Use of analytic transmitter.

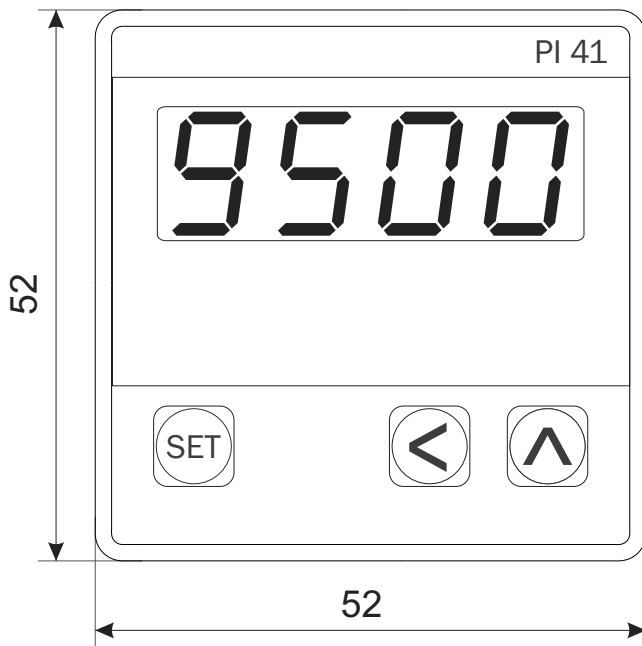
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Measurement of RPM from VFD  
use of analog signal.

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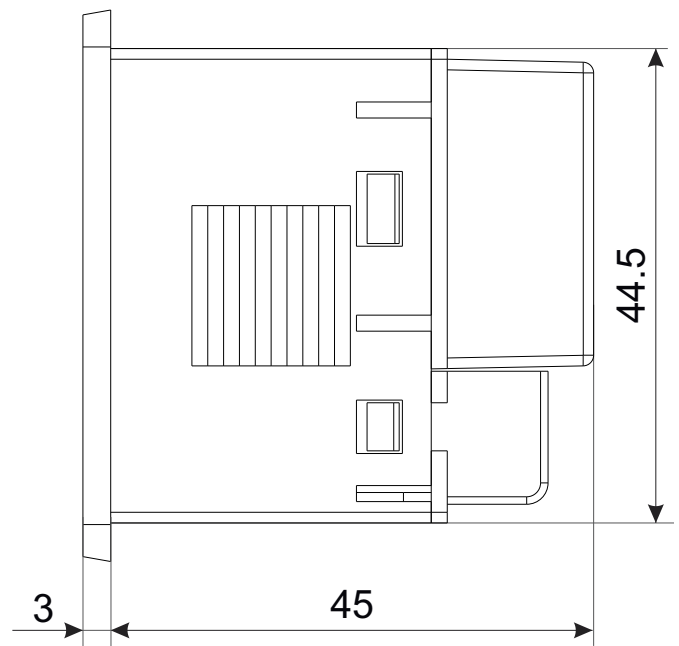
# Mechanical Dimensions

## Body Dimensions



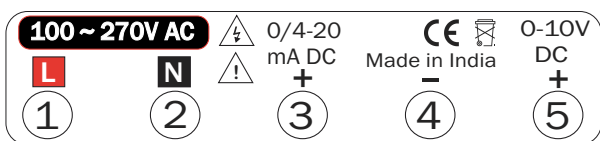
**FRONT VIEW**

All dimensions are in mm

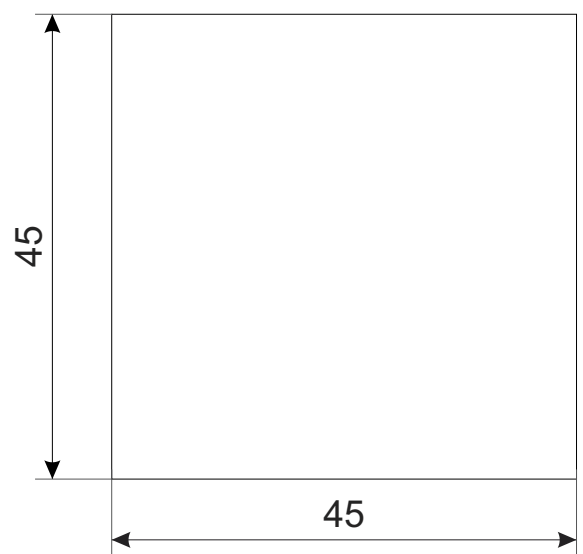


**RIGHT SIDE VIEW**

## Connection Diagram



## Panel Cutout



# TECHNICAL DATA

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| <b>Input Current</b> | 0 To 10V DC/ 0 To 20mA/ 4 To 20mA DC<br>(Configurable) |
| <b>Range</b>         | -999 to 9999                                           |
| <b>Accuracy</b>      | ±1% of FSD                                             |
| <b>Supply</b>        | 100-270V AC,50/60Hz                                    |

| Input                  |                                                      |
|------------------------|------------------------------------------------------|
| <b>Voltage</b>         | 0 to 10V DC                                          |
| <b>Current</b>         | 4 to 20mA DC / 0 to 20mA DC                          |
| <b>I/P Filter Time</b> | 0.1 sec to 10 sec                                    |
| <b>Resolution</b>      | Decimal Point Selectable :<br>0.1, 0.01, 0.001, 0001 |
| <b>Range</b>           | -999 to 9999 (Fo all I/P)                            |

| Auxiliary Power Supply |                |
|------------------------|----------------|
| <b>Power Supply</b>    | 100 to 270V AC |

| Display LED & Keys |                                        |
|--------------------|----------------------------------------|
| <b>Display</b>     | 4 Digit 7 seg 0.39"<br>Red LED Display |
| <b>Key</b>         | SET, SHIFT, INC                        |

| Environmental Characteristics |                       |
|-------------------------------|-----------------------|
| <b>Working Temperature</b>    | 0 to 55 °C            |
| <b>Storage Temperature</b>    | 0 to 55 °C            |
| <b>Relative Humidity</b>      | 95% RH Non-condensing |
| <b>Warm up Time</b>           | 5 Minutes             |

| Mechanical Characteristics   |                               |
|------------------------------|-------------------------------|
| <b>Mounting Type</b>         | Panel Mount                   |
| <b>Dimension (HxWxD) mm</b>  | 52 x 52 x 45                  |
| <b>Panel Cutout (HxW) mm</b> | 45 x 45                       |
| <b>Material</b>              | Body                          |
| <b>Terminal Screw Size</b>   | M3.5                          |
| <b>Screw Torque (N.m)</b>    | 0.5                           |
| <b>Wire Gauge (AWG)</b>      | 26-14                         |
| <b>Weight (Approx) gms</b>   | Unpacked : 90<br>Packed : 120 |
| <b>Accessories</b>           | 1 Mounting Clamp              |