



# ENCARDIO RITE



## JOINT WATER PRESSURE MEASURING SYSTEM

### MODEL EJWP-20V

#### INTRODUCTION

The joint water pressure measuring system is used for monitoring water pressure. It provides significant quantitative data on the magnitude and distribution of water pressure and its variations with time. It also provides the pattern of seepage, zones of potential piping and the effectiveness of seepage control measures undertaken.

#### DESCRIPTION

The joint water pressure measuring system consists of a slotted pipe of 62 mm  $\phi$  of adequate strength. The pipe is inserted in a drilled hole of 76 mm  $\phi$  to the required depth.



Model EPU-20V pressure sensor

A pressure sensor is attached to the slotted PVC pipe through a stainless tubing and packer arrangement as shown in figure 1.

#### SENSOR SPECIFICATIONS

<b>Range</b>	3, 5, 10, 25, 50, 100 kg/cm <sup>2</sup>
<b>Accuracy</b>	$\pm 0.25$ % fs normal
<b>Non conformity</b>	$\pm 0.5$ % fs or better
<b>Temperature limit</b>	
<b>Operational</b>	-20 to 70°C
<b>Compensated</b>	0 to 55°C
<b>Thermistor</b>	YSI 44005 or equivalent (3 kOhm at 25°C)
<b>Enclosure</b>	Stainless steel, hermetically sealed with a vacuum of 1/1000 Torr inside it
<b>Required accessories</b>	Portable read-out unit/logger (our model EDI-51V portable read-out unit or EDAS-10 automatic data acquisition system)

Specifications are subject to change without prior notice.

#### FEATURES

- ◆ Reliable, accurate, low cost and simple to read.
- ◆ Protected against lightning spikes.
- ◆ Easy installation.
- ◆ Sensor hermetically sealed under a vacuum of 0.001 Torr. Stainless steel construction.
- ◆ Thermistor provided for temperature measurement and compensation.

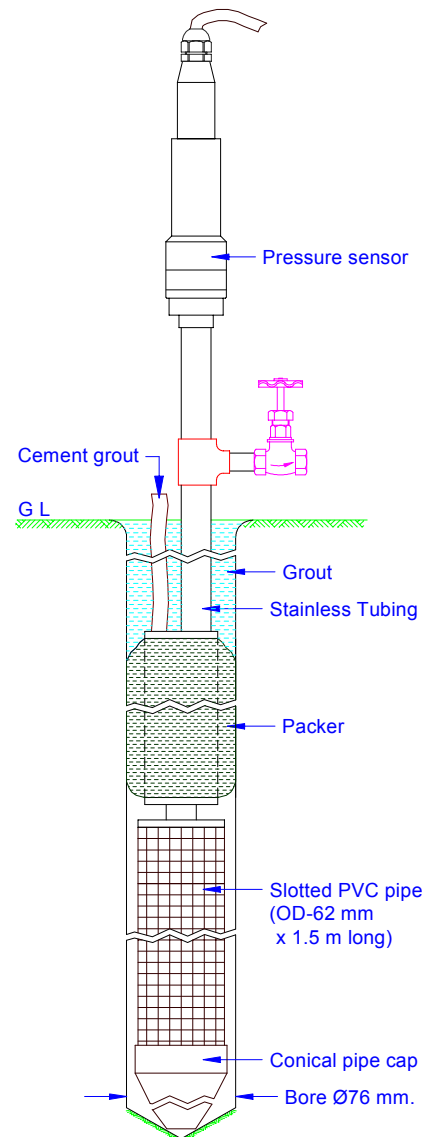


Figure 1

### ENCARDIO-RITE ELECTRONICS PVT. LTD.

A-7 Industrial Estate, Talkatora Road, Lucknow, UP 226011, India

Tel +91 (522) 2661044, 2661040 Fax +91 (522) 2661043 E-mail sales@encardio.com

Visit us at: [www.encardio.com](http://www.encardio.com)

DATA SHEET 1191-05 C 1