

This Data Sheet is  
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## Features

- ☐ Lots of Good Features
- ☐ More Good Stuff
- ☐ Just What You Want
- ☐ Easy to Use
- ☐ Economical

## Description

## Specifications

Input Sensitivity:

Maximum Input:

Transducer

Excitation:

Transducer

Configuration:

Zero Control:

Output:

Output Ripple:

Output Impedance:

Frequency

Response:

Linearity:

Stability:

Temperature Range:

Thermal Effects:

Zero:

Span:

Internal Power

Supply:

Carrier:

DC Power:

AC Power Required:

Input/Output

Connections:

Physical:

# Installation Drawing

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## Options:

-1529

Adds front panel selector switch for switching output of any channel to separate terminals on rear of case, useful for monitoring outputs with a voltmeter.

For operation from either 115 Vac or unregulated 12 Vdc; consult factory for dash number.

For 230 Vac 50 Hz operation; consult factory dash number.

## Ordering Information

To order, use the following model number to specify the number of channels and special options:

**Model CD280 -X -XXXX**

special option, if any  
number of channels (4 thru 8)

For example, CD280-4-1529 specifies a unit equipped with four plug-in carrier demodulator boards and the -1529 selector switch option (see **options**).

*To order spare parts, use the following part numbers:*

**P/N 9617:** Plug-in Power Supply Board

**P/N 7344-2:** Plug-in Carrier-Demodulator Board

*For full information, please request technical data sheets on the above.*

## Pressure Transducers

Validyne manufactures a broad range of variable-reluctance pressure transducers for use with the CD280. All are usable directly with corrosive fluids compatible with Type 410 stainless steel. Accuracy is within 0.5% F.S.

**Model DP15:** Ranges from  $\pm 0.1$  to  $\pm 3000$  PSID; line pressure to 3000 PSIG; 1/8-27 NPT ports; replaceable diaphragm

**Model DP22:** Ranges from  $\pm 50$  to  $\pm 10000$  PSID; line pressure to 10000 PSIG; 7-16-20 UNF ports; replaceable diaphragm

**Model DP45:** Ranges from  $\pm 1$  to  $\pm 500$ " H<sub>2</sub>O; line pressure to 15 PSIG; 1/8-27 NPT ports; replaceable diaphragm

**Model DP103:** Ranges from  $\pm 0.01$  to  $\pm 10$  PSID; line pressure to 100 PSIG; 1/8-27 NPT ports; replaceable diaphragm

**Model AP10:** Ranges from 0-0.1 to 0-3000 PSIA; 5/16-24 UNF port; weld-sealed pressure cavity.



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