



### General Information

Designed for use as a meter accessory, the PD10 divider is used primarily for pacing electronic metering pumps. It comes in two different housings, an enclosure which can be mounted near the pump and a round watertight housing for mounting on the meter. Any number from one to 999 can be set on rotary switches. Each time the divider has received the set number of pulses from the meter, it puts out one pulse to stroke the pump. When used with an M-series meter, this allows changes to the pulse rate, for example, to adjust to seasonal changes. Mounted on an IP insertion meter or a WT turbine, the PD10 creates a programmable pulse meter. Besides metering pumps, this combination can also be used with a PT32 or PT33 pulse timer, for boiler or cooling tower feed and/or bleed.

Power for the PD10 can be supplied by the metering pump if the pump has a sensor power supply. This is the case with LMI and some Pulsafeeder externally-paced metering pumps. Some pumps require an external power supply, available from SeaMetrics. Connectors available as standard items are the LMI and SeaMetrics connectors.

### Specifications

#### Enclosures

Wall (pump)	Epoxy-encapsulated ABS housing with cover
Meter	Cast aluminum sealed housing

#### Temperature Divider Setting

32° - 130° F  
1 - 999

#### Power

Rotary switches  
6 - 18 VDC

#### Maximum Load

20 mA at 24 VDC

#### Maximum Frequency

350 Hz (pulses/second)

#### Output

Open collector transistor/  
100 mS duration

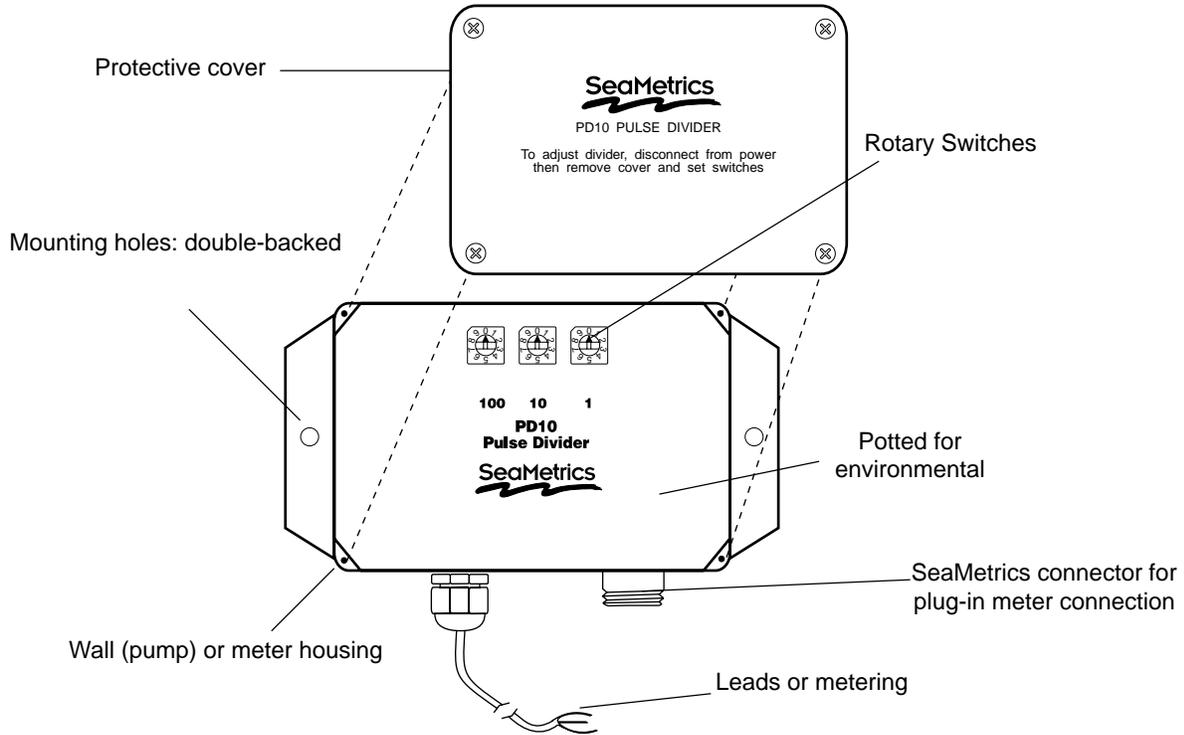
#### Input Connection

Wall	SeaMetrics connector
Meter	Terminal

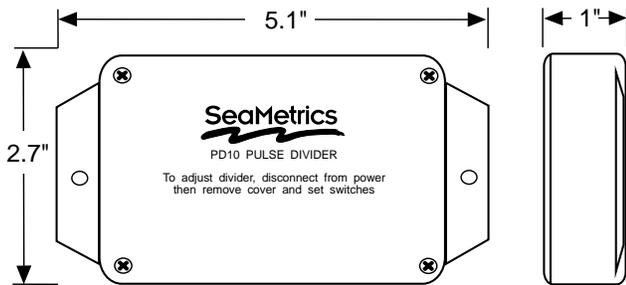
#### Output Connection

Wall	Pump connector on 24" lead
Meter	Pump connector on 18 ft. lead

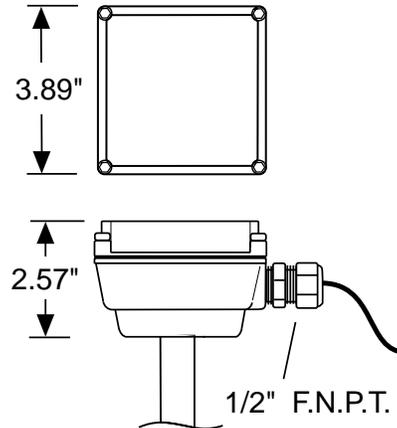
## Features



## Dimensions - PD10W



## Dimensions - PD10M



## How To Order

**Housing Style:** M (Meter mount) OR W (Wall mount)  
**Option Code:** (See options to right)

**PD10** \_\_\_\_\_ - \_\_\_\_\_

### Options:

- 06 LMI pump output connectors
- 27 Pulsafeeder pump output
- 28 Relay output with pigtail