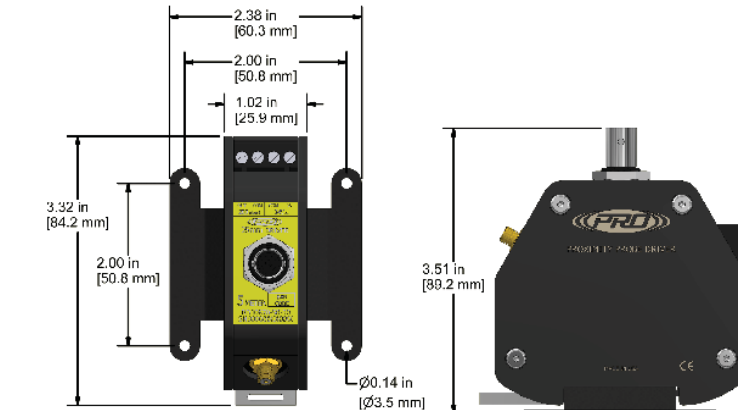


# DD100870 Series

## PRO 25 mm, 4-20 mA Output, Driver Assembly



Panel Mount Option  
(Shown Above)



Panel Mount Option  
(Shown Above)

### TERMINAL BLOCK WIRING

Connections	Functions
-	4-20 mA Supply
+	4-20 mA DC Gap
Com	
V <sub>out</sub>	-20 mV/mil, DC Gap

## Product Features

Driver assembly DD100870 offers multiple options for mounting and easy connections via BNC jack and screw terminals.

- **Flexible system configuration**
- **4-20 mA current loop provides power to the driver, and a displacement output proportional to the DC gap**
- **-20 mV/mil (-0.787 V/mm) output available at terminal block (V<sub>out</sub> & Com) and at the BNC**
- **Multiple mounting options (DIN rail, panel or none)**

## Specifications

Temperature Range: -49°F (-45°C) to 185°F (85°C)
Linear Range: 25 to 525 mils (.63 - 13.33 mm) @ approximately 4-20 mA
Nominal Voltage Output: -20 mV/mil (-0.787 V/mm)
4-20 mA Output: Proportional to the DC gap
Input Power/Voltage: 17.5 VDC to 30 VDC (Loop Powered)
Aluminum enclosure
Miniature 12-32 threaded connector
4 position screw terminals + BNC output

## Ordering Information

DD1   870 -   -

Calibrated Material	System Length	Mounting Type	Regulatory Approval
00 = 4140 Steel	5 = 5.0 meter	0 = Panel (Mounting Screws Are Not Included)	00 = CE Certified
08 = 1045 Steel	9 = 9.0 meter		
10 = 17-4 Stainless Steel		1 = DIN	
11 = 420 Stainless Steel		2 = None	
12 = 304 Stainless Steel			
13 = 316 Stainless Steel			
20 = 360 Brass Alloy			
30 = AL7075-T			



**Example Part Number: DD100870-91-00**

4140 Steel, 9 meter system length, DIN mount, CE certified



Lifetime Warranty on Materials & Workmanship