

The COLC canister load cell is designed to measure forces in tension and compression up to 10,000 lbs.



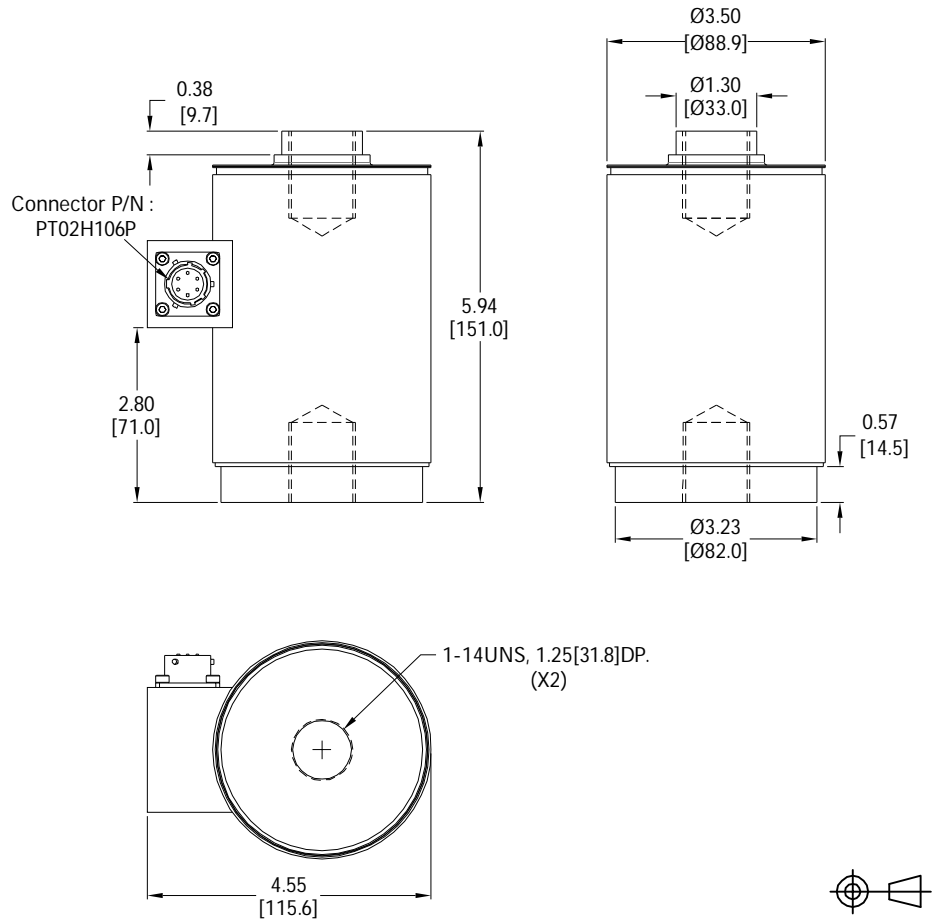
**FEATURES**

- Capacity 10klb.
- Stainless steel construction.
- Environmental protection IP67.

**APPLICATIONS**

- Axial tension and compression applications.

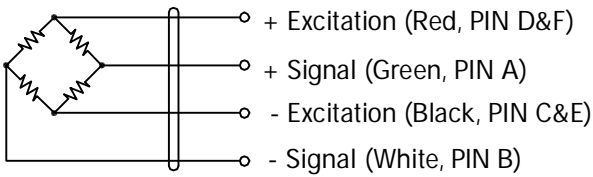
**OUTLINE DIMENSIONS**



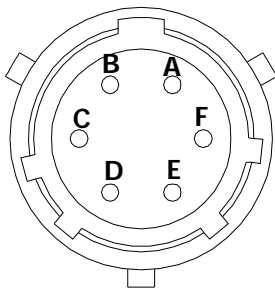
# canister COLC 5038



## WIRING



**PIN Configuration :**  
Connector PN : PT02H106P



Mating Connector PN : PT06F10-6S

## SPECIFICATIONS

Model		COLC	
Capacities	klb	10	
Full scale output (FS)	mV/V	3.0±0.1%	
Non-linearity	%FS	≤±0.05	
Hysteresis	%FS	≤±0.05	
Non-repeatability	%FS	≤±0.03	
Creep @ 30min	%FS	≤±0.02	
Zero balance	%FS	≤±1	
Temperature effect			
	Output	%FS/10°C	≤±0.04
	Zero	%FS/10°C	≤±0.04
Temperature range			
	Compensated	°C	-10.... +40
	Operating	°C	-20... +65
Terminal resistance			
	Input resistance	Ω	420±50
	Output resistance	Ω	350±5
Excitation voltage	VDC	5... 15	
Insulation resistance @ 50V DC	MΩ	≥5000	
Safe overload limit	%FS	150	
Ultimate load	%FS	300	
Seal type	IP67		
Element material	Stainless steel		

## PART NUMBERS

Capacity(klb)	Part No.
10	5038-000-00

Dimensions and specifications subject to change without notice



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