

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



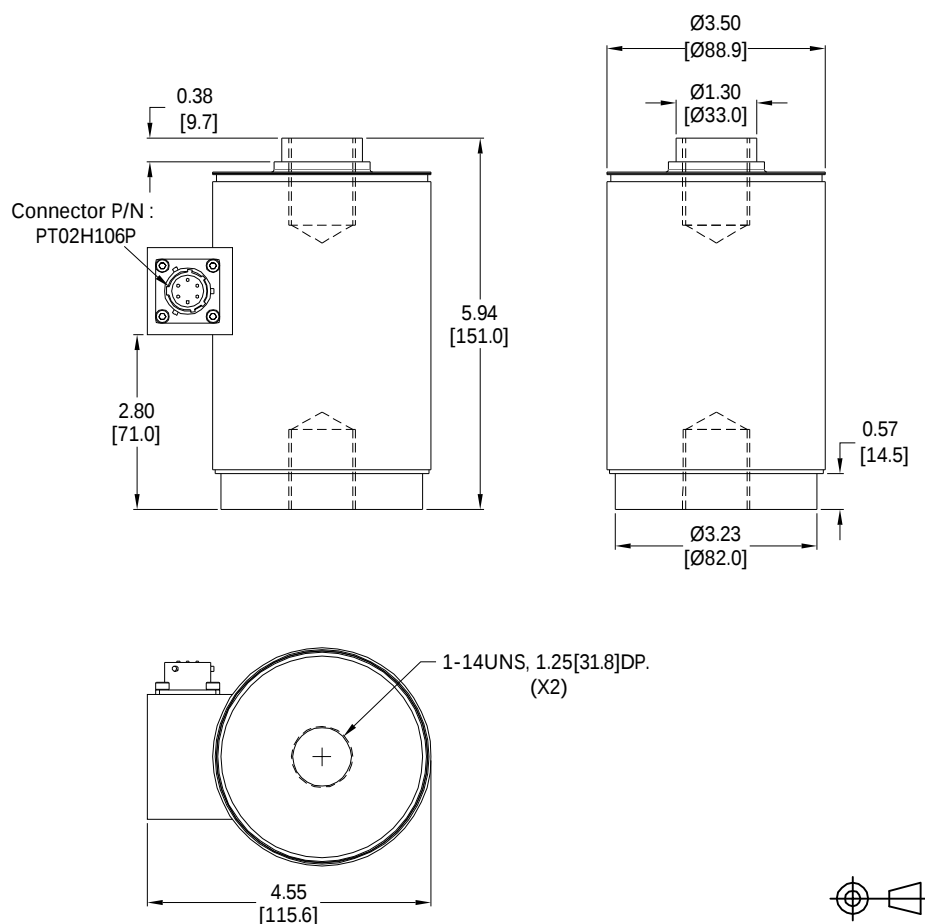
FEATURES

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

APPLICATIONS

- Axial tension and compression applications.

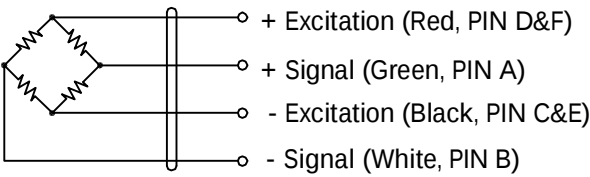
OUTLINE DIMENSIONS



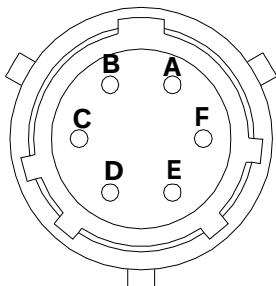
canister
COLC
5038



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	5038-000-02

Dimensions and specifications subject to change without notice



Pioneering Measured Solutions

Group Four Transducers
22 Deer Park Drive,
E. Longmeadow, MA 01028
www.groupfourtransducers.com

Phone : **(800) 419 1444**
Fax : (413) 525 -6182
sales@group-4.com