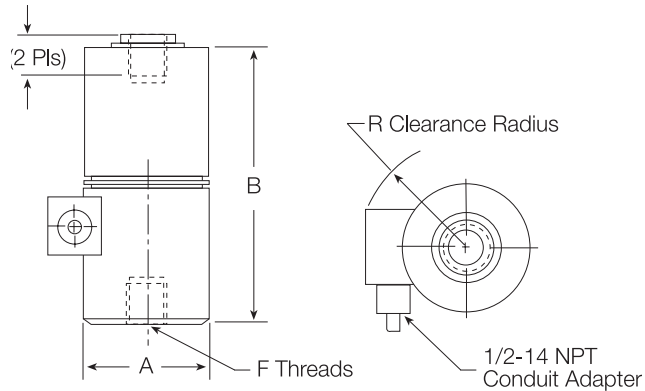


42U Tension/Compression Canister, Alloy Steel

Hermetically Sealed, IP68



RATED CAPACITY

lb/inches
5000-10,000
20000
50,000

A

B

DIMENSIONS

E

F

R

kg/millimeters

2268.0-4535.9
9071.9
22,679.6

88.9
127.0
165.1

150.9
215.9
290.6

31.8
50.8
50.8

1-14 UNS
1 1/2-12 UNF
1 1/2-12 UNF

88.9
101.6
121.9

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: High-alloy steel, epoxy coated
Temperature: Compensated range
0°F to 150°F/-15°C to 65°C
Manufacturer
Model Number: 42U-D3-XX-10P1
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Non-repeatability: 0.01% Full scale
Combined Error: 0.05% Full scale

Insulation Resistance: 5000 megohms
Deflection at Capacity: 5000-20,000 lb = .004"/.1mm,
50,000 lb = .006"/.2mm
Seal Type: Hermetically sealed*, IP68
Cable Length: 10'/3.1m
Cable Color Code: Red + Excitation
Black - Excitation
Green + Signal
White - Signal
Orange... Shield
Warranty: 3 years

42U ORDER INFORMATION

Load Rating	Part #	Suggested List Price
5000 lb (2268.0 kg)	31401	\$1,045.00
10,000 lb (4535.9 kg)	31402	\$1,045.00
20,000 lb (9071.9 kg)	31403	\$1,360.00
50,000 lb (22,679.6 kg)	31404	\$1,780.00

* NOTE: Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice