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## **30xx PRECISION PRESSURE REGULATOR**



- ***Sensitive regulation***
- ***Stable operation***
- ***Automatic relief***
- ***Very compact***

The Tradinco Precision Pressure Regulator Model 30xx has been specifically designed for calibration and testing applications. The very small pitch of 0.5 or 1.0 mm allows accurate pressure adjustment. The Model 30xx has an integral relief valve which eliminates the need for a separate relief valve. The built-in compensating diaphragm results in a dynamic balancing of valve seat forces. The Model 30xx is therefore virtually unaffected by changes in supply pressure. Downstream pressure is maintained by the compensating action of the venturi type aspirator tube which adjusts supply air in accordance with velocity pressure variations.

# TECHNICAL SPECIFICATIONS

## Ordering Codes

Range	Pitch 0.5 mm	Pitch 1.0 mm
0 - 2 psi	3005 - 2P	3010 - 2P
0 - 10 psi	3005 - 10P	3010 - 10P
0 - 30 psi	3005 - 30P	3010 - 30P
0 - 60 psi	3005 - 60P	3010 - 60P
0 - 100 psi	3005 -100P	3010 -100P
0 - 1 bar	3005 - 1B	3010 - 1B
0 - 10 bar	3005 - 10B	3010 - 10B

Max. inlet pressure: 250 psig

## Material of construction

Body: aluminium alloy

Trim: stainless steel, brass, cadmium plated steel

Diaphragms: buna N and dacron, convoluted

## Connections

1/4" NPT

Distributor:

Rev.07.00/09.30E