

QUICK COUPLERS

Quick Coupler (patented)

This quick coupler is designed for use during pressure testing, where there is a need for changing pressure “hook-ups” similar to the use of electrical clip leads. They can be used with random lengths of stainless tubing (ends must be chamfered). Model QC063-2 quick coupler will operate up to 1000 psi.

Use:

1. To connect, push smooth end of tubing into coupler. Tubing is now sealed with a captured internal O-ring and mechanically held by the collet which is initially closed by spring force. When the coupler is pressurized, an internal piston applies additional closing force to the collet.
2. To disconnect, shut off air supply then depress the collet.

Quick Coupler Designs

Model-QC-XXX-2

The Model-2 quick coupler design incorporates 2 collets in order to accept a steel tubulation at each end.

Model-QC-XXX-TH

The Model-TH quick coupler design incorporates a collet at one end and a threaded nose at the other end.

Model-QC-XXX-TUBNXXX

The Model-TUBN quick coupler design incorporates a collet at one end and a 1/16 or 1/8 inch tubulation on the other end.

ScanCo No. TUBN-XXX-X

See Bulged Stainless Steel Tubulations page 3.

Caution: Do not push bulged end of tubulation into coupler.

A chamfered edge is required.

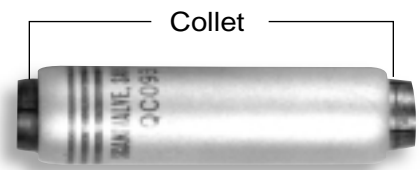


Disconnected

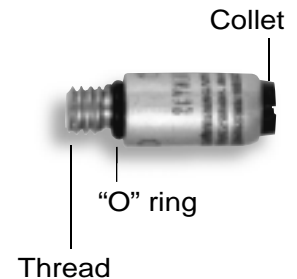


Connected

Model -2



Model -TH



Model - TUBN063
- TUBN125



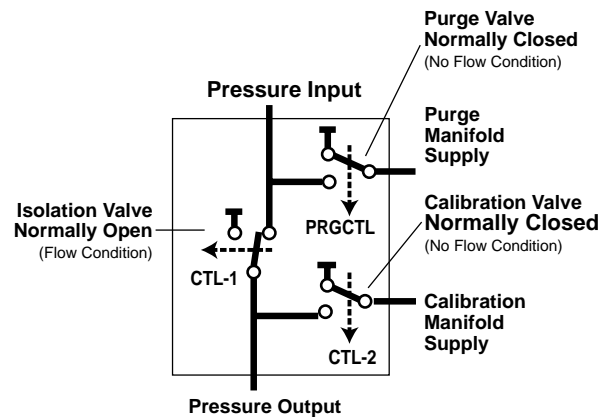
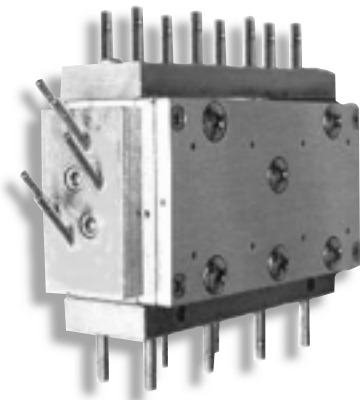
QUICK COUPLER ORDERING INFORMATION

		For Use on Tubing	
To Order, Specify	ScanCo #	.063 O.D.	.125 O.D.
Collet Each End	Model-2	QC063-2	QC125-2
Thread One End	Model-TH	QC063-TH8	QC125-TH25
Tube One End	Model-TUBN	QC063-TUBN063	QC125-TUBN125

PNEUMATIC CALIBRATION/PURGE VALVE

This is a 3-way 8 channel(8P-3T) pneumatic logic valve ideal for calibrating up to 8 individual pressure transducers of similar pressure range. A 90–120 psi control pressure is required to switch the valve from the default measurement mode, to the calibration, purge or isolate mode. In the calibra-

tion mode, input pressures are isolated, allowing the user to apply a calibration to the 8 sensors that are manifolded together. The purge mode allows a purge pressure to be input and purge condensation or contamination back through the input tubes. Order Information: ZOCCAL/ADPT



Dimension Inches (mm)

