



Process Instrumentation

ECHO Process Instrumentation, Inc.

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Date	September 22, 2009
Model	Oyster 701 - SS
Range	144 inH2O g
S/N:	2989
Supply voltage	10 to 35 volts d.c.
Output	4 to 20 mA dc
Accuracy	±0.25% BSL
Operating Temp. range	-10° to 175° F
Compensated Temp. range	30° to 85° F
Temp. effects	1.5 % TEB
Electrical Connections	
Supply positive	Red
Supply negative	Black
Ground (case)	Green
Shield (not connected to case)	Drain wire
Cable length	25 ft.

Note: Protect reference tube in the cable during and after installation.

0% = 4.00mA
 50% = 12.00mA
 100% = 20.00mA

701R2

Installation and Use

During installation protect the end of the cable from water ingress. Do not remove the cover on the cable until the end is at the point of connection.

Support the cable so the weight of the cable and sensor are not left on a sharp edge. Use some form of cable grip or hanger.

Terminate the end of the cable in an enclosure with desiccant to provide dry air.

Do not push anything into the pressure port or if the sensor is open face against the sensor as damage could occur.

Maximum bend radius for polyurethane cable is 1 1/2". If bent further than stated the reference tube in the cable will kink causing measurement errors.

