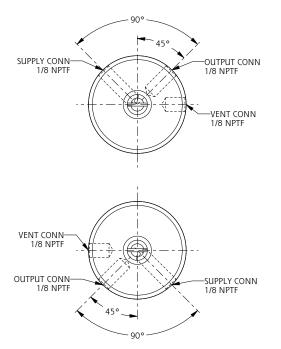




# **1530 Side Mounted Pneumatic Level Switch**

The 1530 is a horizontally mounted, float-operated level switch suitable for plant and OEM applications where pneumatic valve operation is required to signal presence or absence of liquid at a discrete level. The float extension arm moves a magnet which actuates (deactuates) a pilot valve to operate a pneumatic amplifier. Actuation (deactuation) can be reversed by rotating the unit 180 degrees.

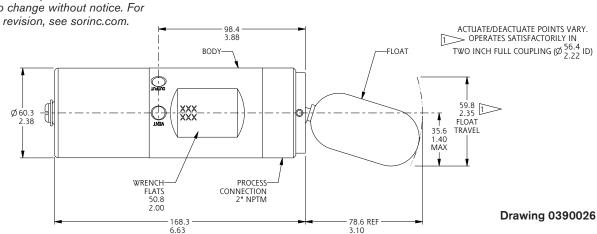




#### **Product Specifications**

Mounting					
Orientation	Horizontal mount only				
Connection Size	2" NPT(M) Standard				
<u>For</u>	Change To				
Flange Mounting	G2A *				
*See flange table on p	age 2 for option designator				
Maximum Process Press	ure				
Float Material					
316SS	1500 psi (103 bar)				
Monel	900 psi (62 bar)				
Polypropylene	5000 psi (345 bar)				
Process Temperature Ra	nge				
Float Material					
316SS	-40 to 400°F (-40 to 204°C)				
Monel	-40 to 400°F (-40 to 204°C)				
Polypropylene	−40 to 150°F(−40 to 65°C)				
Supply Pressure Range	20 to 60 psi (1.4 to 4.1 bar)				
Supply Pressure Connect	tion Size 1/8" NPT(F)				
Minimum Specific Gravity	y 0.60				
Design Code	ANSI B31.3				
Weight	Approximately 6 lbs. (3 kg)				

If supply pressure medium is natural gas, a filter/ regulator is suggested on the supply line, and the valve vent port should be piped to a safe area.



Design and specifications are subject to change without notice. For latest revision, see sorinc.com.

## 1530 Side Mounted Pneumatic Level Switch

Model Number System

## 1530 - B - G - 2A - C - J0 - PS - TT

	Flo	oat N	Иa	terial	3			
316SS (Standard)	1500 psig (103 bar) -40 to 400°F (-40 to 204°C)			С				
Monel		900 psig (62 bar) 40 to 400°F (-40 to 204°C)						
Polypropylene	5000 psig (345 bar) -40 to 150°F (-40 to 65°C)				S			4
								BB
Process C	2				CV			
2" NPT(M) 2A								MR
Flanged: (Available with 316SS body only)May affect process2 1/2" 150#pressure rating.300#			0#	7C 7D				NC
	7E 3C 3D				РР			
600# 3E 4" 150# 4C 300# 4D 6" 150# 6C 300# 6D								RR
								тт
Body Mat		1						VV
303SS (S 316 Stainle		B C						
	1530	В	G	2A	С	JO	JO PS	JO PS TT

### Certificates

1530 Pneumatic Level Switch	Certificates	C1	C3	C4	C7	B7
	Calibration	•				•
	Inspection Report		•			•
	Compliance / Conformance			•		•
	QA Test Report				•	

## **Replacement Parts**

Description	Designator
Pneumatic Relay Assembly	3130 - 114
316SS Float Assembly	3130 - 052

## **Limited Warranty**

SOR<sup>®</sup> agrees to repair or replace any switch found to be defective in material or workmanship within five years from date of shipment. The limited warranty is valid only if the switch was installed in accordance with published factory installation instructions, operated within the design limitations stated on the nameplate, and returned to the factory for inspection, freight prepaid, within the warranty period. Contact the factory for return authorization. No claim for labor or consequential damages will be allowed.



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