

Реле пневматические. Серия 1530. Описание.

По вопросам продаж и поддержки обращайтесь: sro@nt-rt.ru

www.sor.nt-rt.ru

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
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Белгород (4722)40-23-64
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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	
For	Change	To
Flange Mounting	G2A	*

*See flange table on page 2 for option designator

Maximum Process Pressure

Float Material

316SS	1500 psi (103 bar)
Monel	900 psi (62 bar)
Polypropylene	5000 psi (345 bar)

Process Temperature Range

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)

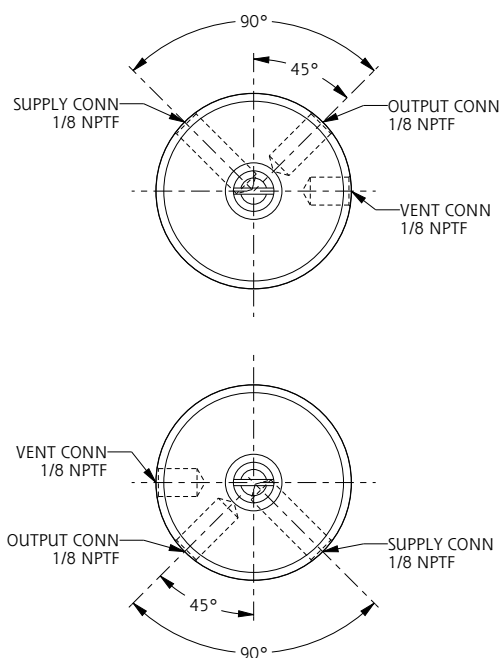
Supply Pressure Range 20 to 60 psi (1.4 to 4.1 bar)

Supply Pressure Connection Size 1/8" NPT(F)

Minimum Specific Gravity 0.60

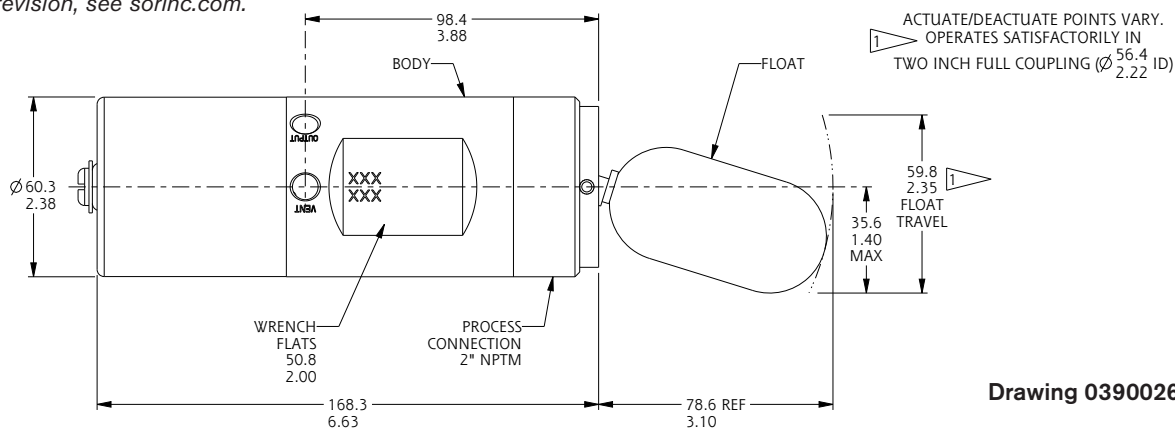
Design Code ANSI B31.3

Weight Approximately 6 lbs. (3 kg)



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

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.



Drawing 0390026

1530 Side Mounted Pneumatic Level Switch

How to Order

Model Number System

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

Float Material		3
316SS (Standard)	1500 psig (103 bar) -40 to 400°F (-40 to 204°C)	C
Monel	900 psig (62 bar) -40 to 400°F (-40 to 204°C)	M
Polypropylene	5000 psig (345 bar) -40 to 150°F (-40 to 65°C)	S
Process Connections		2
	2" NPT(M)	2A
Flanged: (Available with 316SS body only)		
May affect process	2 1/2" 150#	7C
pressure rating.	300#	7D
	600#	7E
	3" 150#	3C
	300#	3D
	600#	3E
	4" 150#	4C
	300#	4D
	6" 150#	6C
	300#	6D
Body Material		1
303SS (Standard)	B	
316 Stainless Steel	C	
1530	B	G
	2A	C
	J0	PS
	TT	
Optional Accessories		4
Insert accessory designator(s) as needed		
BB	Wetted parts are cleaned for industrial oxygen service	
CV	Canadian Registration Number (CRN). Consult the factory for applicable pressure and additional information.	
MR	Mill Test Report	
NC	NACE construction - MR 01-75 / ISO 15156 2003. Available only with 316SS materials of construction	
PP	Tag, fiber. Attached with plastic wire to housing. Stamped with customer specified tagging information.	
RR	Tag, stainless steel. (Attached with stainless steel wire to housing. Stamped with customer specified tagging information. 2 lines, 18 characters and spaces per line.)	
TT	Stainless steel nameplate permanently attached to housing. Stamped with customer specified tagging information.	
VV	Fungicidal varnish. Covers exterior except working parts.	
Certificates		
← Model Number		

1530 Side Mounted Pneumatic Level Switch

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® 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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