

Model 924 Adjustable Level Sensor

SPECIFICATION SHEET

Adjustable float activated simple switch device; used to monitor liquid level at a desired set point.

Application

- Level sensor in liquid storage tanks
- Activates audible and visual alarm

Features and Details

- Four sensor length ranges
- Fully adjustable within the sensor range length
- Installs into a 2" female threaded opening
- 1/2" NPT fitting at top of sensor
- Normally open switch easily converted to normally closed operation
- Compatible with 918S/D/Q Alarm Box and 918AC System Interface or similar listed systems that are designed for use with sensing devices located in a hazardous location

Materials of Construction

- Wires... Teflon® jacketed
- Floats... NitroPhyl®-M (924); 316 stainless steel (924S)
- Tube... brass (924); 304 stainless steel (924S)
- Bushing... e-coated steel (924); 304 stainless steel (924S)

Approved Use Locations

UL/ULC Class I, Div 1, Group D (when used in conjunction with the model 918AC, model 918S/D/Q, and model 918SB)

Electrical Switch Ratings

- 100 watt resistive load, 300VAC - 700mA max / 350VDC - 1.0A max, SPST

**Switch ratings are for resistive loads only.*

**Do not use for inductive loads.*

Approvals

National Work Group on Leak Detection Evaluations list (www.nwglde.org);
Florida DEP EQ-862

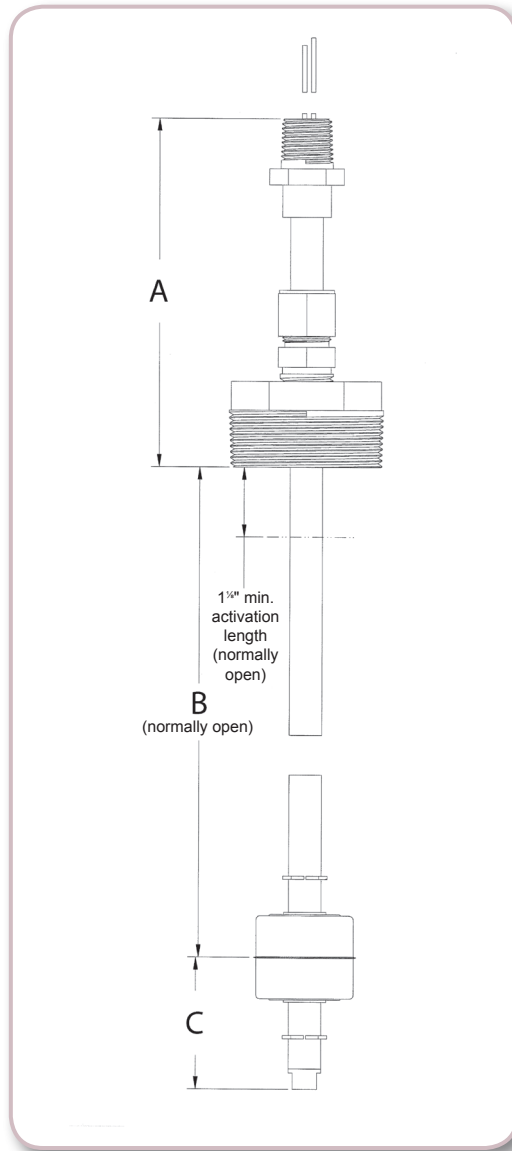


Item numbers and drawing on next page.



Item Number	Description	Activation Length		A	B	C	Overall Length	Weight (lbs)	
		Minimum*	Maximum						
924---0600 AS	6" Brass adjustable level sensor	1"	6"	5.35" ± 3/8"	6"	2" ± 1/4"	13.35"	3.30	
924---1200 AS	12" Brass adjustable level sensor	1"	12"	5.35" ± 3/8"	12"	2" ± 1/4"	19.35"	3.60	
924---2000 AS	20" Brass adjustable level sensor	1"	20"	5.35" ± 3/8"	20"	2" ± 1/4"	27.35"	4.20	
924---3000 AS	30" Brass adjustable level sensor	1"	30"	5.35" ± 3/8"	30"	2" ± 1/4"	37.35"	4.40	
924S--0600 AS	6" Stainless steel adjustable level sensor	1"	6"	5.35" ± 3/8"	6"	2" ± 1/4"	13.35"	4.70	
924S--1200 AS	12" Stainless steel adjustable level sensor	1"	12"	5.35" ± 3/8"	12"	2" ± 1/4"	19.35"	5.00	
924S--2000 AS	20" Stainless steel adjustable level sensor	1"	20"	5.35" ± 3/8"	20"	2" ± 1/4"	27.35"	5.50	
924S--3000 AS	30" Stainless steel adjustable level sensor	1"	30"	5.35" ± 3/8"	30"	2" ± 1/4"	37.35"	5.70	
925---0113 2B	Conduit junction housing (NEMA 4)								
925---0114 2B	Conduit junction housing (NEMA 7, Group C & D)								

*May depend on specific gravity of liquid.



570 E. 7th Street, P.O. Box 238 | Dubuque, IA 52004-0238
 t. 563.583.5701 | 800.553.4840 | f. 563.583.5028

