## **Liquid Level Controls**



## Series RS – High Pressure Sensors & Probes For Conductance Actuated Controls

## Series RS Sensors

### Series-RS-X-BR-1:

- NEMA 4X Enclosure
- For sophisticated multi-level control in tanks, boilers and hydronic systems
- Remote sensors, which thread into the top of the boiler or tank, are available with 1, 2, 3, 4 or 5 probes of varying lengths that can easily be cut to desired set points
- Probe lengths 12 72" (2.5 183cm) in 12" (2.5cm) increments (purchased separately)
- Control, remote sensor and probe(s) must be ordered separately. Order Spacer S-4 when 2 or more probes greater than 36" (914mm) will be used
- No blow down required
- Maximum Temperature 406°F (208°C)
- Maximum Pressure 250 psig (17.6 kg/cm)

## **High Pressure Remote Sensors and Probes**

Model Number	Part Number	Description	Weight lbs. (kg)
RS-1-BR-1	179524	Remote Sensor; 1 level	1.7 (.8)
RS-2-BR-1	179525	Remote Sensor; 2 levels	3.3 (1.5)
RS-3-BR-1	179526	Remote Sensor; 3 levels	3.3 (1.5)
RS-4-BR-1	179527	Remote Sensor; 4 levels	4.0 (1.8)
RS-5-BR-1	179528	Remote Sensor; 4 levels for non-metallic tanks	4.3 (1.95)

See page 71 for probe rods.

## Dimensions, in. (mm)

Remote Sensor	Α	В	C
1 Probe	1 NPT	111/16 (43)	½ NPT
2 or 3 Probes	2 NPT	211/32 (59.5)	½ NPT
4 or 5 Probes	2½ NPT	215/32 (63)	½ NPT

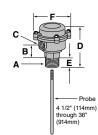
# 4 or 5 Probes

### **Remote Sensor** D F 11/4 (32) 1 Probe 4 % (116) 31/4 (83) $3\frac{7}{8}$ 2 or 3 Probes (98)4 (102)

(102)

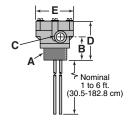


**High Pressure** Remote Sensor Model RS-1-BR-1



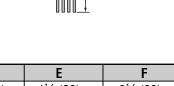


**High Pressure** Remote Sensor Model RS-2-BR-1 Model RS-3-BR-1





**High Pressure** Remote Sensor Model RS-4-BR-1 Model RS-5-BR-1



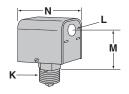
## RS-1-HP

## Series-RS High Pressure Remote Sensor:

- NEMA 1 Enclosure
- Maximum Temperature 406°F (208°C)
- Maximum Pressure 250 psig (17.6 kg/cm)
- For single sensor applications with high-pressure environments. Requires additional probe rod. See page 71.



Remote Sensor Model RS-1-HP



4 (102)

## Ordering Information

Model	Part	Description	Weight
Number	Number		lbs. (kg)
RS-1-HP	176199	High pressure remote sensor	0.5 (.23)

## Dimensions, in. (mm)

Model	K	L	M	N
RS-1-HP Remote Sensor	<sup>3</sup> / <sub>4</sub> NPT	½ (22)	3 (80)	3¾ (86)