

Sensors & Probes – High Pressure For Conductance Actuated Controls

Series RS Sensors



- 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

Series-RS High Pressure Remote Sensor:

- NEMA 4X Enclosure
- Maximum Temperature 406°F (208°C)
- Maximum Pressure 250 psig (17.6 kg/cm)

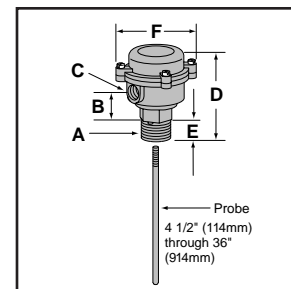
High Pressure Remote Sensors and Probes

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 85 for probe rods.



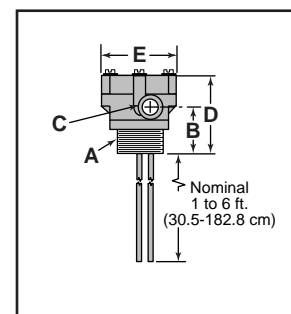
High Pressure Remote Sensor Model RS-1-BR-1



Probe
4 1/2" (114mm)
through 36"
(914mm)



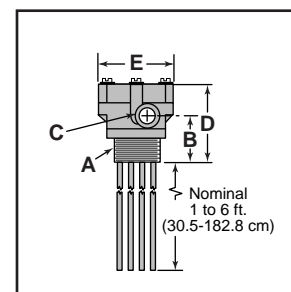
High Pressure Remote Sensor Model RS-2-BR-1 Model RS-3-BR-1



Nominal
1 to 6 ft.
(30.5-182.8 cm)



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



Nominal
1 to 6 ft.
(30.5-182.8 cm)

Dimensions, in. (mm)

Remote Sensor	A	B	C
1 Probe	1 NPT	1 11/16 (43)	1/2 NPT
2 or 3 Probes	2 NPT	2 11/32 (59.5)	1/2 NPT
4 or 5 Probes	2 1/2 NPT	2 15/32 (63)	1/2 NPT

Remote Sensor	D	E	F
1 Probe	4 9/16 (116)	1 1/4 (32)	3 3/4 (83)
2 or 3 Probes	3 7/8 (98)	4 (102)	—
4 or 5 Probes	4 (102)	4 (102)	—