Specialists in Liquid Level Indication

The RST2 consists of two components, the Sensor and Transmitter. The RST2 sensor is a chain of magnetic reed switches and resistors mounted within a heavy wall stainless steel tubing assembly. As the float within the Magnicator® II responds to liquid level change in the chamber, the float actuates adjacent reed switches. The reed switch and resistors provide a varying resistance output. It is this output that is sensed by the RST2 Transmitter, as an indication of liquid level. The RTS2 transmitter will provide a 4-20 mA signal proportional to the liquid level indicated by the Magnicator® II.
Level Transmitter Model RST2

HOW TO ORDER

RST2-4/20-

Sensor Length

Electrical Requirements

2 2-Wire (Loop Powered)
3 3-Wire
4 4-Wire

Options

A Remote Transmitter
D Digital Indicator

Specifications

RST Sensor
- Length: Up to 20 Feet (6 meters)
- Resolution: 1/2 inch (13mm)
- Housing: Stainless Steel
- Operating Temp.: to 500°F (Process Temp.) (260°C)

RST Transmitter
- Output Limits: 3.8mA to 26mA.
- Amb. Temp. Range: -20°F to 180°F (-29°C to 82°C)
- Response Time: 300 ms
- Housing: Exp. Proof and water tight
  - Epoxy powder coat finish
  - NEMA 4X and NEMA 7X
  - CL.1 GR. B,C,D-CL.II GR. E,F,G
  - UL Standard: 1203
  - FM Standard No. 3615
  - CSA Standard C22.2 No. 30

Power Requirements

2-Wire Loop Powered
- 24 VDC nominal, 50 VDC Max.

3-Wire Low Power
- 8 VDC to 36 VDC @ 6 mA

4-Wire AC Power
- 115 VAC-Standard
- 230 VAC-Optional