

RADAR LEVEL TRANSMITTER

I-SYSTEM RADAR LEVEL TRANSMITTER - SW

Level Measurement
& Monitoring



PP model



Stainless steel model

DESCRIPTION

The I-SYSTEM (SW series) radar level transmitter's measurement range can reach 65m, with 10cm blind area. It offers higher operating frequency, larger bandwidth, and higher measurement accuracy, suitable for applications like rivers, lakes and reservoirs.

TECHNICAL FEATURES

Transmission Frequency	76 to 81GHz
Measuring Range	65m
Accuracy	± 1mm
Beam Angle	6°
Power Supply	18-28 V DC
Output	4 to 20mA / HART (two wire) RS-485 / MODBUS (four wire)
Ambient Temperature	-40 to 75 °C
Process Pressure	-0.1 to 0.1MPa
Shell Material	PP / Stainless Steel
Protection	IP68
Process Connection	Bracket / Threaded
Bluetooth Debugging	Optional

FEATURES

- ✓ Frequency range: 76-81GHz
- ✓ Antenna beam angle: 6°
- ✓ Small blind area
- ✓ 5GHz working bandwidth with higher resolution and accuracy
- ✓ Bluetooth module (optional)



DIMENSION/DRAWING

Diagram of model: PP, 1.5-inch, 4 to 20mA

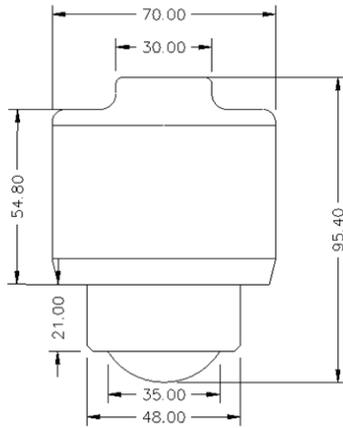


Diagram of model: Stainless Steel, 2-inch, 4 to 20mA

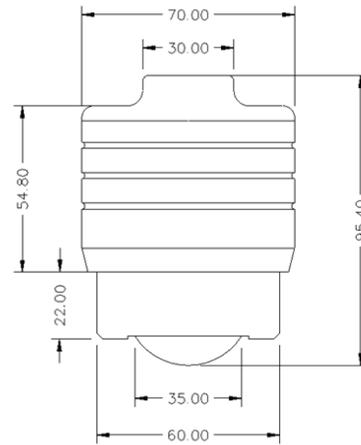


Diagram of model: PP, 1.5-inch, RS485

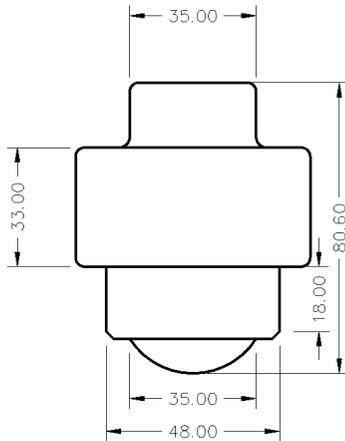


Diagram of model: Stainless Steel, 2-inch, RS485

