

HiTECH

Technologies, Inc.

PULSE 40 - NARROW BEAM SMART *RADAR* Level Transmitter

*Concentrated Beam 24 GHz
Pulse Radar Sensing Technology*

PULSE 40 SERIES

IDEAL for Liquid Applications in

- ◆ **Chemicals**
- ◆ **Food & Beverages**
- ◆ **Pharmaceuticals**
- ◆ **Pulp & Paper**
- ◆ **Water & Wastewater**



ADVANTAGES

- **Non Contact Radar Technology**
- **1-1/2" NPT Mounting or Flange**
- **Rugged Construction**
- **Unaffected by Harsh Environment**
 - Pressure up to 235 psi
 - Temperature up to 302 °F
- **Analog and Digital Output**
 - Remote and Local Indication
 - Multi-drop Connectivity
- **Easy Installation**
- **Simple Adjustment from:**
 - Signal Conditioner
 - Removable MINICOM Module
 - PC with Intuitive Software
 - HART handheld

PULSE RADAR - Narrow Beam is ideal for continuous level measurement on vessels with difficult geometries and/or small process fittings. Designed for use in process control environments, the series 40 are low-cost, smart, two-wire PULSE radar level transmitters.

The unit transmits microwave pulses toward the surface of the level to be measured, which then reflects the pulses back to the antenna.

The transit time of the reflected pulses is measured and the integral microprocessor accurately computes and transmits the level output signal.



HiTECH Technologies, Inc.

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Technical support: 800. 755. 4507

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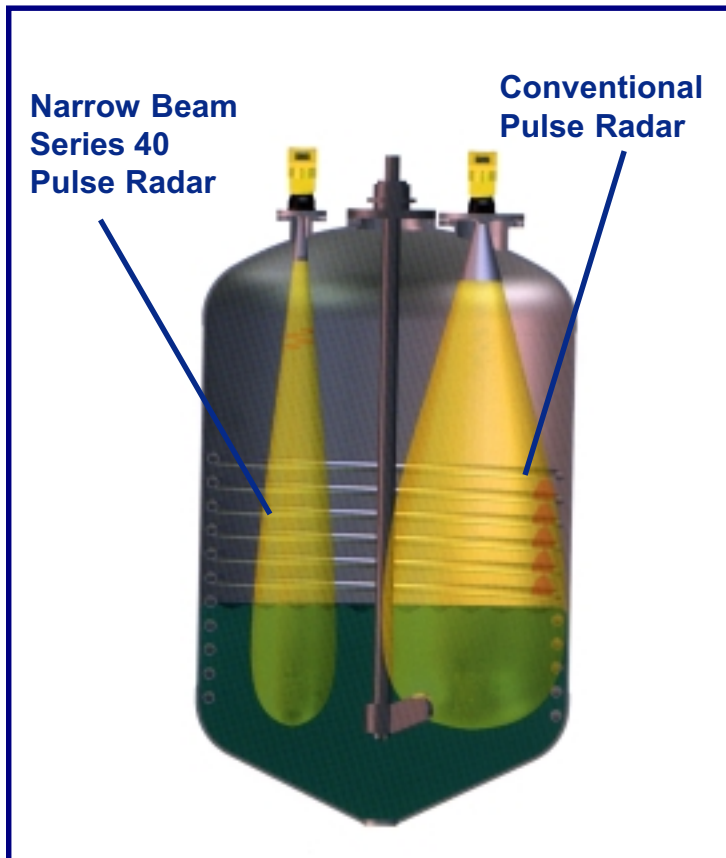
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PULSE 40 SERIES

SPECIFICATIONS

Type Intelligent Two-Wire Horn Antenna Pulse Radar Level Transmitter	Adjustment HART hand-held terminal MINICOM module Signal conditioner (VEGAMET) PC with Visual Op. software	Antenna HORN (Narrow)
Output Signal 0/4 - 20mA (two-wire) w/ passive digital (optional)	Power Supply 20 to 36 VDC	Electronic Housing PBT - VALOX
Measurement Range 0 to 66 feet	External Load 500 Ohms Max.	Mounting 1-1/2" NPT or Flange
		Process Temperature - 40 °F to +300 °F



PERFORMANCE GUARANTEE

Since 1986, every instrument sold by **HiTECH** has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a **written performance guarantee**.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit.

This performance guarantee is valid for 60 days. Thereafter, our standard limited two years factory warranty goes into effect.



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