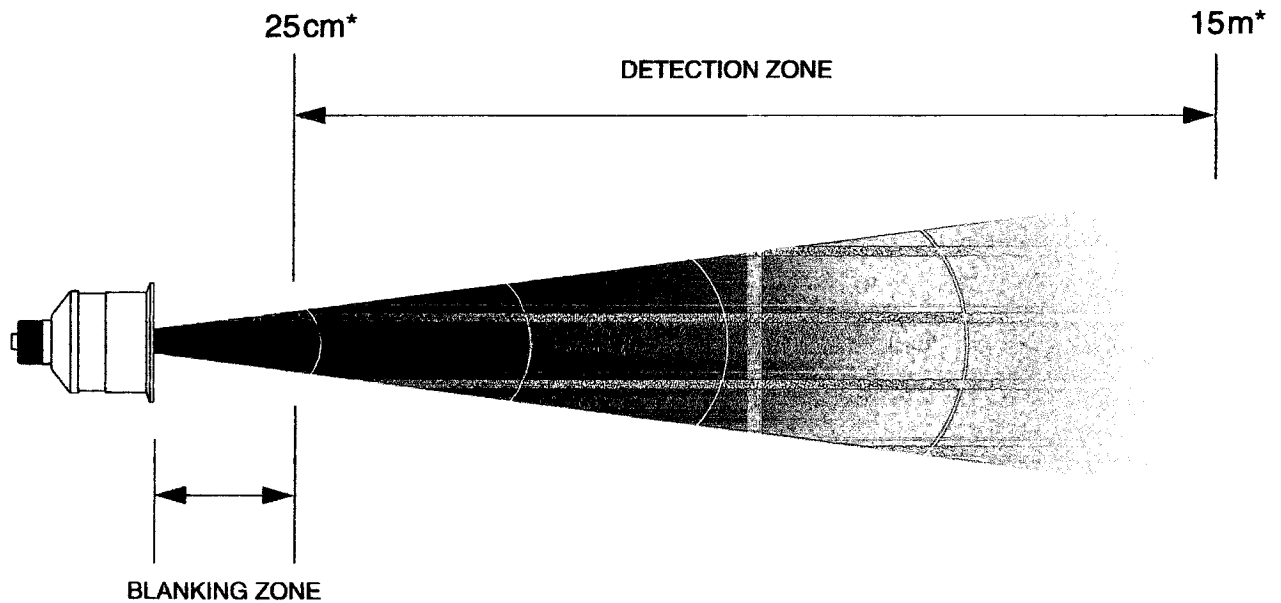
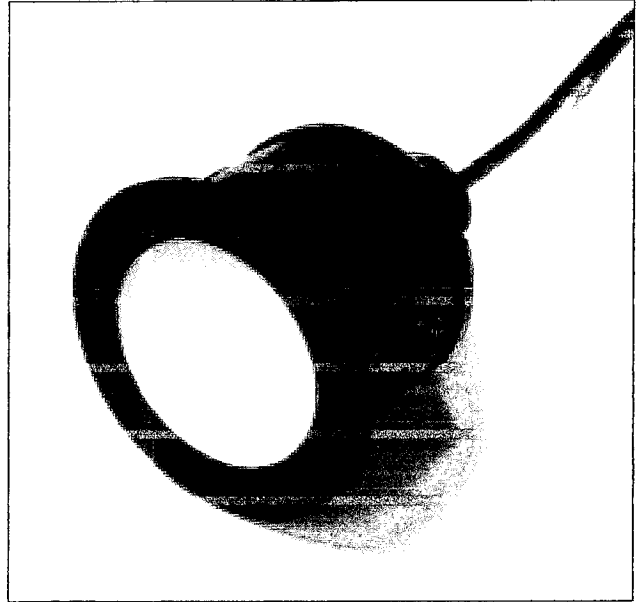


SC0030

Fully sealed in a durable polyester housing, this sensor offers a narrow, 8° beam. With a detection range of up to 15 meters, it is well suited for a wide variety of long range level sensing applications.



* Pulse-Echo Mode
Actual range may vary, depending on drive circuitry and signal processing

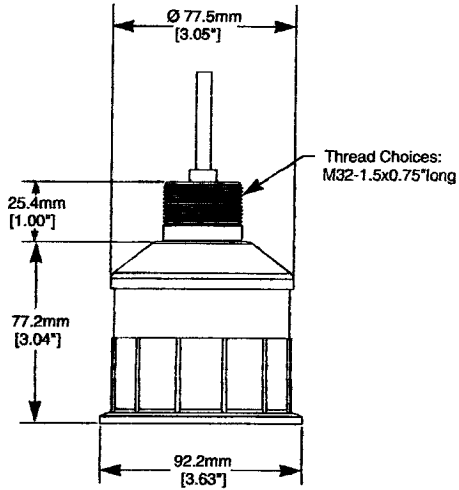
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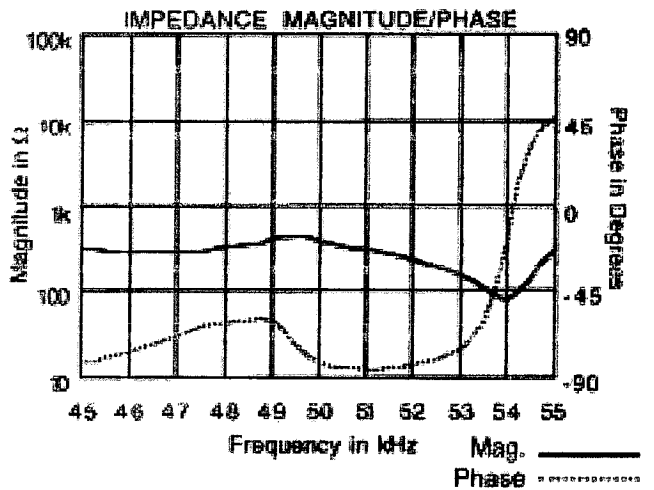
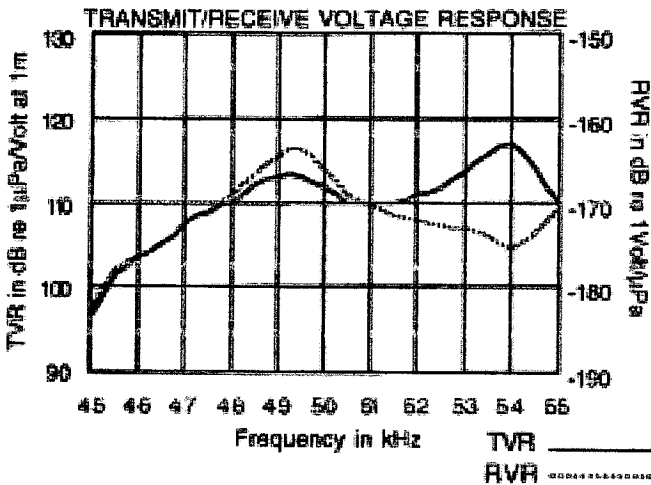
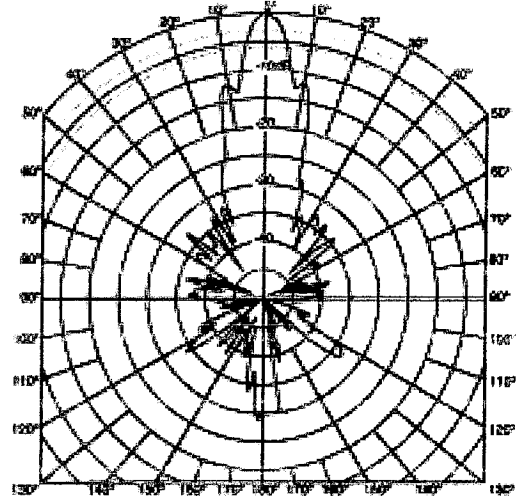
17-204-01 Rev. 03-A

SPECIFICATIONS

- Best Operating Frequency: 50kHz +/- 4%
 - Min. Transmit Sensitivity: 110dB re 1 μ Pa/V at 1m at best transmit frequency
 - Min. Receive Sensitivity: -170dB re 1V/ μ Pa at best receive frequency
 - Min. Parallel Resistance: 100 Ω +/- 30%
 - Free (1kHz) Capacitance: 8200pF +/- 500pF
 - Beamwidth (-3dB full angle): 8° +/- 1°
 - Maximum Driving Voltage: 500V_{pp} (2% duty cycle tone burst)
 - Operating Temperature: -40°C to 90°C
 - Weight: 560g
 - Materials:
 - Housing: Glass filled polyester
 - Acoustic Window: Glass reinforced epoxy
- All specifications typical at 22°C and subject to change without notice.



DIRECTIVITY



SENSE
Technics GmbH
17-204-01 Rev. 03-A

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