Ultrasonic level sensors

# External Ultrasonic Oil-Tank Level Detector, RS485

Model U03-V1.0

Non-contact ultrasonic fuel-level detector for tanker vehicles, mounted externally with waterproof adhesive, 70-2000 mm range, RS485 output and IP67.



| Range | Accuracy |
|---|---|
| 70–2000 mm | ≤5.0 mm |
| **Output** | **Protection** |
| RS485 output | IP67 |

## Features

- Wall thickness 1.0-6.0 mm
- Measuring accuracy ≤5.0 mm
- DC12-48 V supply
- No need to sand off container paint
- Measuring angle 3–6 °

## Applications

Fuel tanker monitoring, Other liquids carried on vehicles

## Specifications

| | |
|---|---|
| Input voltage | DC12–48 V |
| Average operating current | ≤25 mA |
| Measuring range | 70–2000 mm |
| Measuring accuracy | ≤5.0 mm |
| Resolution | ≤1 mm |
| Measuring angle | 3–6 ° |
| Measurable container wall thickness | 1.0–6.0 mm |
| Ingress protection | IP67 |
| Operating voltage | DC12-48 V |
| Output | RS485 output |
| Measuring range | 7-200 cm |

## Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

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