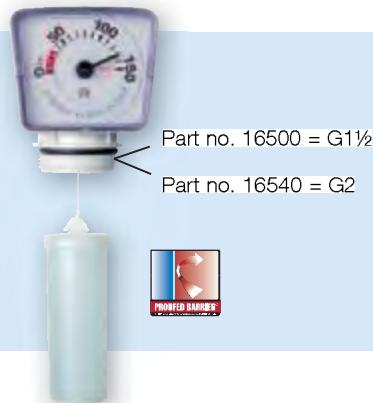


Mechanical level indicators

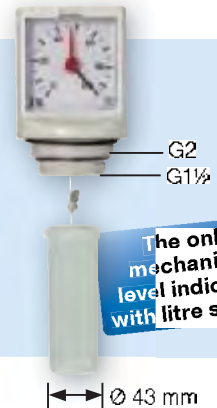


MT-Profil R - 1½ and - 2

Application For continuous level measurement in tanks containing fuel oil EL, diesel fuel, biodiesel and water. For tanks heights from 0 to 250 cm.

Description Universal, mechanical level indicator with plastic planetary gear. Measuring range is adjustable from 0 to 250 cm by reversible scale. With reversible scale 0–150 cm and 0–250 cm for fast adaptation to the tank height. Odour-tight – suitable for flood areas.

Technical specifications	Measuring range (tank height)	0/150 to 0/250 cm
	Displayed values	0/150 or 0/250 liquid level in cm
	Connection thread	G1½ or G2
	Housing/float	Display: ABS, impact-resistant Float: PE-HD



Unimes

For continuous level measurement in tanks containing fuel oil EL, diesel fuel, biodiesel and other low-viscosity media which do not attack materials of the indicator. For tank heights from 900 to 2,000 mm.

Universal mechanical level indicator with fully adjustable brass and nickel silver movement. The pointer deflection amounts to 270° at tank heights and diameters from at least 900 mm to 2,000 mm maximum. Indication in percentage of liquid level, litre scale can be retrofitted. With reference pointer for consumption monitoring.

Technical specifications	Measuring range (tank height)	0/900 to 0/2,000 mm
	Displayed values	0/100 % liquid level
	Connection thread	G1½ and G2
	Housing/float	Display: ABS, impact-resistant Window: SAN Float: PE-HD

Additional litre scales
For use with Unimes for all standard, cylindrical horizontal tanks. When ordering, please specify the shape and capacity of tank.

Special scales
For Unimes and tanks of any shape and dimension. When ordering, please include tank drawing or bearing chart.

DG: G			Part no.	Price €
Unimes	-	-	11500	
Additional litre scales	-	1	11900	
Special scales	-	1	11999	
MT-Profil R - 1½	-	75	16500	
MT-Profil R - 2	1	75	16540	
Reducer G2 x G1½	10	-	20903	



See page 11 for suitable reducers.

Mechanical level indicator with remote display Unimes E



i



- Direct indication at the tank without power supply and electronic remote indication up to 10 m
- Electronic remote display with battery supply
- Push-to-read function for extremely long battery service life
- Convenient monitoring of tank contents with easy-to-read display



Application For continuous level measurement in tanks containing fuel oil EL, diesel fuel and other low-viscosity media which do not attack the materials of the indicator. For tank heights from 900 to 2,000 mm. The additional remote display enables convenient level indication even if the tank is not easily accessible. Suitable for remote measurements up to 10 m.

Description Universal mechanical level indicator with additional electronic remote indicator. The mechanical level indicator features a fully adjustable brass and nickel silver gear. The pointer deflection amounts to 270° at tank heights and diameters from at least 900 mm to 2,000 mm maximum. The contents is indicated in % liquid level. An electronic sensor at the gear supplies the remote indicator with a signal that is proportional to the level. The remote indicator is connected to the mechanical level indicator by means of a 3-wire shielded cable and connector. The remote indicator is operated by means of a long-lasting battery; it is only switched on to read the level (push-to-read function). A wide variety of tank shapes are stored in a microprocessor; the level is indicated either in liquid level or volume, as desired. This combination of devices allows you to take readings directly next to the tank and from an easily accessible, different location.

Technical specifications

Functions

Indication in % liquid level, remote indication (push-to-read), selection of units, calculation of total volume

Measuring range

0/900 to 0/2,000 mm

Measuring accuracy

±3 % of full scale value

Operating temperature range

Medium: 0/60 °C

Ambient: 0/45 °C

Storage: -5/+80 °C

Displayed values

Direct indication: 0–100 % liquid level

Remote indication: Litres, m³, %, liquid level in mm (4-digit 12 mm LCD)

Supply voltage

Direct indication: Mechanical measuring system without power supply

Remote indication: 1 x lithium battery 3.6 V
Service life approx. 5 years

Connection thread

G1½ and G2

Housing/float

Direct indication: ABS, impact-resistant
Depth Ø 80, height 100 mm

Float: PE-HD, Ø 42,
height 100 mm

Remote indication: PA6 glass-loaded,
height Ø 75,
depth 48 mm

Degree of protection

Direct indication: IP 30 (EN 60529)

Remote indication: IP 51 (EN 60529)

Weight

0.5 kg

Scope of delivery

- Mechanical level indicator
- Electronic remote display (with battery and wall bracket)
- Connection cable 10 m

DG: H	Part no.	Price €
Unimes E	52130	