

# Mechanical level indicators



Part no. 16500 = G1½

Part no. 16540 = G2



∅ 41 mm

## MT-Profil R - G1½ and G2

**Application** For continuous level measurement in tanks containing fuel oil EL (DIN 51603-1), diesel fuel (EN 590), water, liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with up to 100 % FAME (EN 14214). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100 %. Also for use in flood hazard areas and flood risk areas.  
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. Watertight up to 10 m water column.

**Technical specifications** **Measuring range (tank height)**  
0/150 to 0/250 cm

**Operating temperature range**  
Medium: -20/+60 °C  
Ambient: -20/+40 °C  
Storage: -20/+60 °C

**Displayed values**  
0/150 or 0/250 liquid level in cm

**Connection thread**  
G1½ or G2

**Housing / float**  
Window: SAN  
Housing: ABS, impact-resistant  
Float: PE-HD, ∅ 41 mm



G2

G1½

∅ 41 mm

## Unimes

For continuous level measurement in tanks containing fuel oil EL (DIN 51603-1), diesel fuel (EN 590), liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with up to 100 % FAME (EN 14214) or other low-viscosity media which do not attack materials used. This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100%.  
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 280° at tank heights from at least 900 mm to 2,000 mm maximum. The contents is indicated in % liquid level. With reference pointer for consumption monitoring.

**Measuring range (tank height)**  
0/900 to 0/2,000 mm

**Operating temperature range**  
Medium: -20/+60 °C  
Ambient: -20/+40 °C  
Storage: -20/+60 °C

**Displayed values**  
0/100 % liquid level

**Connection thread**  
G1½ and G2

**Housing / float**  
Housing: ABS, impact-resistant  
Window: SAN  
Float: PE-HD, ∅ 41 mm

DG: G, PG: 1			Part no.
<b>Unimes</b>	1	-	<b>11500</b>
<b>MT-Profil R – G1½</b>	1	50	<b>16500</b>
<b>MT-Profil R – G2</b>	1	50	<b>16540</b>
<b>Reducer G2 x G1½</b>	1	-	<b>20903</b>



See page 16 for suitable reducers.