
Tank Level Measuring System TIM®

Technical sheet

Data available	Fuel level in mm Sump level in mm Temperature in °C Volume Density (together with TIM-Software)
Measuring range	up to a level of 3000 mm
Accuracy	Fuel level +/- 1 mm Sump level +/- 1 mm Resolution 0.1 mm Temperature +/- 0.5°C
Repeat accuracy	(+/-) 0.1mm
Type of protection	Lance-Electronic Head IP68 Lance IP68 Control unit IP20
Explosion protection	Control unit [EEx ib] IIB Lance EEx ib [ia] IIB T4
Interface	RS 232C
PTB* certificate no.	Control unit Ex-90.C.2116 X Tank lance Ex-90.C.2117 X
<small>* Federal German Institute of Physics and Metrology</small>	
Instrumented lance	Material: Stainless steel (corrosion-resistant, no maintenance required) Installation through 2"- opening in dome cover (G2, ISO 228/1) Length: depending on tank to DIN 6608 (other lengths on request)