



Easy to install

Easy to use!

MiniCom® 1010

An innovative low cost tank monitoring system

MiniCom® is a low cost tank monitoring system, designed for surveillance of a wide range of storage tanks and oil heating applications, as well as oil burner monitoring. MiniCom® is designed to help end-users and oil companies to plan and organize their wet stock operations more efficiently. The end-user may receive alarm notifications directly to their mobile phone. Send SMS with "INFO" to the MiniCom®, and the current tank level is returned within seconds. A simple press on the button gives a rough level indication on the LEDs.

The MiniCom® stores the last alarms in the unit, representing the latest history. Up to four different subscribers can receive alarms and other notifications (i.e. power failure), as SMS.

Typical applications are heating oil, lubricants and diesel tank storage.

All operations are supported by SMS. Used together with the SiteVision™ central server (optional), all information is accessible through the Internet and a cleverly designed report generator. Integration with ERP systems like SAP is possible for a complete routine automation.

We make it easy.



Product ID:	MiniCom® 1010
Input voltage:	230V AC/4,5V DC (Adapter included)
Battery backup:	Yes
Dimensions (WxHxD):	Housing: 9x16x3cm
Com port:	RS232
Environment:	0-40°C, indoor
Outdoor operation:	Approved cabinet (optional)
Integrated modem:	GSM
User interface:	Push button LED indicators Buzzer SMS and RS232
Tanks:	1
Gauging principle:	Hydrostatic pressure
Bubble gauge configuration:	
Integrated gauge:	Bubble gauge
Integrated sensor:	0..250mBar
External sensor configuration:	
Preferred ext. probe:	MiniBar® 4..20mA
Accuracy:	Please see datasheet
Digital I/O:	Configurable





Product	MiniCom® 1010 Single tank gauge controller
External Communication standard	GSM /SMS.
Power supply (standard)	AC Adapter 230VAC -4,5VDC. / 2W.
DC input voltage (optional)	4,5 <VDC<7,5 V. Maximum input voltage 7,5V DC
CE	EN 61000-6-1 / 3 EN301489-1/7 EN 55022. LVD2006/95/EC
ATEX Applications	N/A
Housing and Dimensions (W x H x D)	Din rail mount. Housing: 9 x 16 x 3 cm
Environment	0-40°C, Indoor, or inside approved outdoor cabinet.
System setup	SMS or RS232/RS485
Gauge methods (Standard)	External sensor 4-20mA current loop.
Bubble sensor (optional)	Option: built-in bubble pressure sensor 0-250mbar gauge.
Resolution in water with 200mBar 4-20mA	2,6mm (2000mm / 750 points)
Max tank diameter for built-in bubble sensor	2500 mm (250mbar)
Bubbler Pipe size	Max diameter. 8 mm. Max length: 15 m.
Accuracy (Bubble sensor)	+/- 0,5 % FS (approx).
Accuracy (MiniBar probe)	+/- 0,3 % FS
Temp. drift for built in bubble sensor	-0,18 % of current height per °C (compensated)
Max number of tanks	1
Max tank volume	500 m ³
Display	3 x status LED
Keyboard	Single button operation
Battery Backup	Yes
Connection	RJ45 digital I/O- RS232 9PIN female connector for sensor.
Operation	0 to 45 °C. Outdoor in approved cabinet with heating (230V)
Digital input, DI1 (left connector pin 8)	Max 5.6V. Typical trigger level high > 2V, low < 0,5V
Digital output, DO2 (left connector pin 1)	Source: VOH, 2,8V /10mA- Sink: VOL, 0,5V / 10mA
Web-application (Optional)	SiteVision®

