



Easy to install

Easy to use

Easy to upgrade

Well proven



FuelCom® 5080

Power and flexibility

FuelCom® 5080 is an advanced control unit for the general tank monitoring market today, both within Ex areas as well as for non hazardous applications. It is built with the most updated components to support the existing and forthcoming challenges. Keywords are reliability, capacity and flexibility.

FuelCom® 5080 can act as a self standing device on small and medium sized unmanned sites, serving as monitoring system with POS interface, accessible from remote server applications. It can also be the heart of operations in larger scale sites, directly connected to the FuelWin® wet stock management system.

The control unit communicates with the rest of the world by a built in analogue modem, or external GSM modem, ISDN or TCP/IP adapter. The FuelCom® control unit supports remote firmware upgrades. FuelCom® 5080 also introduces SMS communication: Send your request for level and receive the polling result within seconds on your private mobile phone. We make it easy.

Product ID:	FuelCom® 5080
Input voltage:	230V AC/12V DC (Adapter included)
Battery backup:	N/A
Dimensions (WxHxD):	Housing: 35x27x5cm
Com port:	4*RS232/422/485
Environment:	0-45°C, indoor
Outdoor operation:	Approved cabinet (optional)
Integrated modem:	Analogue PSTN
<i>Optional communication:</i>	TCP/IP adapter / GSM modem, ISDN adapter.
User interface:	Push and scroll button LED indicators Display Buzzer
Tanks:	1-8 (max)
Storage:	Dataflash
Gauging principle:	Hydrostatic pressure, Radar
Preferred ext. probe:	FuelBar® 4..20mA
EX applications.	Fully ATEX certified input modules and probes. II(1)G



Product	FuelCom® 5080 Fuel tank gauge control unit.
External Communication standard:	Analogue telephony (TBR21), options: GSM /SMS, TCP/IP
Power supply (standard):	AC Adapter: Input: 100-230VAC, output 12VDC. / 1,5A.
DC input voltage (optional):	6V <VDC<14 V. Maximum input voltage 14,5VDC P=18W
CE:	EN 61000-6-1 / 2 / 3-A1/ 6-4 EN 55022. LVD2006/95/EC
ATEX Approvals:	Fully certified with AD424 and approved sensors/probes
Dimensions (W x H x D):	Housing: 35,1 x 27,0 x 7,0 cm
Environment:	0 to 45 °C Indoor, outdoor inside approved cabinet with heating
System setup:	FuelWin software version 4.3
Internal Communication standard:	RS485 bus, max 60 nodes supported
RS485 Interface modules:	AD424, intrinsically safe 4-20mA input module (Ex)
Other I/O modules (optional):	PT100R1 , intrinsically safe Oil separator interface module (Ex) RE202 relay output module (Ex)
Gauge methods (Standard):	External sensor 4-20mA current loop. Hydrostatic pressure
Firmware upgrade:	Boot loader via SD memory card
Installation grounding:	Separate IS grounding facility (standard)
Accuracy (with 4tech probes):	+/- 0,1 – 0,2 % (of accumulated sales)
Max number of tanks:	8
Alarm outputs:	Audible alarm, Visual alarm, alarm via web application
Memory backup:	Option: 8 Mbyte Flash memory. (SD-socket)
Max tank volume:	650 m ³ with large tank flag activated
Display:	40 char. *4 lines alphanumeric backlit display Option: Truck driver display (pos) via separate connector Option. 80-Columns thermal printer for reports and alarms
Keyboard:	Single scroll/ push control button
Battery backup:	Real time clock only. No internal batteries for operation
Connection:	RJ45 (telecom). Digital I/O- RS485. 4 *RS232 COM-ports
Software functions:	Product type, temperature, water alarm, leak detection, programmable alarms, Inventory /delivery reports, alarm history
Web-application:	SiteVision® /TBA

