

MTA 6

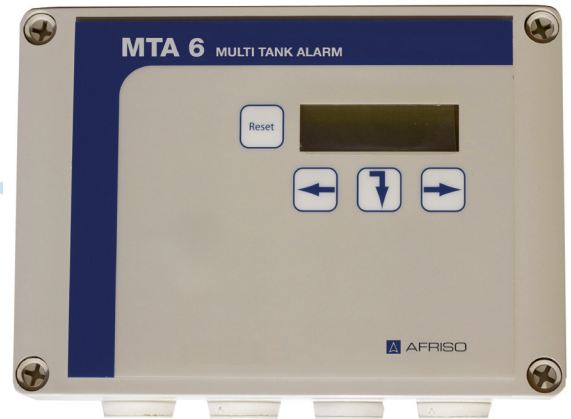
Multi Tank Alarm

Universal alarm unit for 1-6 sensors

- 6 probe inputs
- ATEX-certified
- Surface, high level and sludge alarm

3 different types of ATEX-approved sensors can be connected to this universal alarm unit. It is possible to use for oil/grease/petrol-separators, high level-, leakage- and sludge alarms. Suitable for use in applications where a quick response time is not needed.

The system consists of alarm unit type MTA 6 in use with any of the sensors ES-4, R6-S or ES8. The alarm unit is ATEX-certified and has 2 voltage free relay outputs and built-in audible alarm. The ATEX-certified sensor type ES-4 for oil surface detection is made of plastic, the high level sensor type R6-S is made of stainless steel and the sludge sensor type ES8 is made of glassfibre reinforced plastic. The sensor hangs in it's cable mounted at the proper level in the tank/seperator.



Multi Tank Alarm MTA 6 has an LCD-display with easy to understand status messages/indications. Any type of alarm and actions needed are presented in the display. The units software has a built-in automatic sensor detection function making installation/commissioning very easy to do. MTA 6 has a built-in real time clock with a status-logger making it possible to check when alarm etc. has occurred. The unit checks all inputs for any alarms/faults and gives alarm/warning in the display. The two relay outputs are fully programmeable/selectable by the user.



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Technical specifications:

Housing:	For wall mounting. Front panel with integrated touch buttons and background illuminated LCD display 4x21 characters.	Power supply:	AC 230 V.
Dimensions:	175 x 125 x 75 mm (W x H x D).	Power consumption:	4 VA.
Weight:	0,75 kg.	Relay outputs:	2 switching/voltage free. User selectable. Contact ratings AC 250V / 4A / 100VA
Protection:	IP65.	Ambient temperature:	0°C / +40°C.
Cable entries:	5 off (7-10 mm).	Alarm indication:	Via text in the LCD-display.
MTA6 Certificate no:	SP16ATEX3652X II (I) G [Ex ia Ga] IIA	Audible alarm:	Integral piezo-electric buzzer.
		Test function:	Via menu option

Accessories

Sensor ES4

Length:	220 mm, Ø25 mm.
Certificate no:	DNV 22 ATEX 80661X II 1 G Ex ia IIA T4 Ga

Sensor R6-S

Length:	100 mm, Ø22 mm.
Intrinsic Safe Design:	II 1 G Ex ia IIA T3 Ga

Sensor ES8

Dimensions:	85 x 160 x 32 (H x B x D).
Certificate no:	TUV07ATEX553975X II 1 G Ex ia IIA T4 Ga

Applies to all sensors:

Temperature of separator liquid:	-25°C - + 50°C.
Sensor cable:	5 metres oil resistant (Also available with 20 m cable).
Max length sensor cable:	200 m (2 wires - not included).