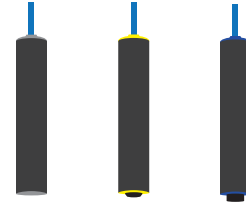


ASA – On/off sensors

For grease and oil separators



ASA alarm with on/off sensors is a series of advanced grease and oil separator alarms, specially designed for use in environments with a risk of explosion. It consists of an electronic unit that can be connected to up to three digital ASA sensors of on/off type, which provides reliable and efficient monitoring of the separator.

Layer sensor (ASA-LP):

- Capacitive layer sensor that alarms when the oil/grease layer exceeds the set alarm level in the separator.
- Enables fast detection of the need to empty the oil/grease layer of the separator to reduce the risk of overfilling and downtime.
- Gives the user control over the separator and optimizes the emptying requirement for efficient operation.

High Level Sensor (ASA-HLP):

- Ultrasonic sensor that warns when the liquid level in the separator rises above a preset level above the outlet pipe.
- Provides early warning of potential clogging in outlet or filters, enabling quick action to prevent damage and spills.

Sludge sensor (ASA-SP):

- Ultrasonic level sensor that alarms when the level of sludge, sand and other solid materials exceeds the predetermined level.
- Provides continuous monitoring of the sludge level to prevent deterioration of the separator's capacity and reduce the risk of operational disruptions.

Why choose separator alarm ASA-02, -03, -04 or -05:

Efficiency and Reliability: By detecting oil/grease layer, liquid level and sludge level, the ASA-02, -03, -04 or -05 alarms ensure effective maintenance and reduce the risk of downtime and damage.

Safety and Environmental Awareness: Early warning of potential problems reduces the risk of accidental releases and ensures compliance with environmental regulations and safety standards.



Technology for Environmental Protection
Measuring. Controlling. Monitoring.

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Technical specifications:

Layer sensor ASA-LP

Enclosure: 150 mm, Ø30 mm, PEHD plastic, IP68

Sensor cable: 5 m oil-resistant, 2 x 0,75 mm²

Liquid temperature: -20°C - + 40°C

Ex certificate: DNV 23 ATEX 86944X
Ⓜ II 1 G Ex ia IIA T4 Ga



High level sensor ASA-HLP

Enclosure: 150 mm, Ø30 mm, PEHD plastic, IP68

Sensor cable: 5 m oil-resistant, 2 x 0,75 mm²

Liquid temperature: -20°C - + 40°C

Ex certificate: DNV 23 ATEX 86944X
Ⓜ II 1 G Ex ia IIA T4 Ga



Sludge sensor ASA-SP

Enclosure: 150 mm, Ø30 mm, PEHD plastic, IP68

Sensor cable: 5 m oil-resistant, 2 x 0,75 mm²

Liquid temperature: -20°C - + 40°C

Ex certificate: DNV 23 ATEX 86944X
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