

Product Information

EMA Signal ES31



**Stationary Overfill Prevention ES31 for EX Applications
to be used with Limit Probes (PTC)**



- High- or Low- Level Alarm
- ATEX approved
- Failsafe design

Function:

The stationary Overfill Prevention ES31 is an ATEX approved universal Alarm System for use with Limit Probes (PTC).

The unit can be used for both conductive and non-conductive liquid by choosing a suitable type of limit probe. Since the control unit is ATEX-approved it can be used as Overfill Prevention of flammable liquids and acids etc.

Application:

The control unit is universal and can be used for both high- or low-level alarms. The design is failsafe which means that the unit will give alarm for different faults in the sensor connection circuit.

The unit has a potential free Relay Output which can be used for lamp connections or pump control, etc.

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Technical Data ES31:

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|---------------------------------|---|
| Power supply: | 230 VAC |
| Relay Output: | 1 potential free output |
| Intrinsically Safe: | EEx ia IIB |
| Operating temperature: | 0° - +50°C |
| Protection: | IP40 |
| Dimensions (mm): | 110x50x110 (HxWxD) |
| ATEX Certificate ES31 | SP 03ATEX3610X |
| Options AQ220 | Separate audible alarm with relay output for lamp and siren output |
| Limit Probes | We have a wide variety of different probes suitable for most applications. We are pleased to provide a customer specific configuration for your special application. |