

OVERFILL PREVENTION DEVICE

Technical datasheet

Technical datasheet No.: SECENV-BC-2

Product code: 308 393

Overfill protector BC-2

Date : 04/2025

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Replace : Version 08/2024

Désignation

Non-ATEX safety equipment consisting of a control unit and a probe intended for use in static storage tanks to be used as an overfill alarm system to avoid overfilling of tanks.

Application

- Suitable for a wide range of inflammable and non-flammable water-polluting liquids: waste oil, fuel oil (category 3 with a flash point > 55°C), bio fuel oil, diesel fuel, industrial oil, FAME, vegetable oil, water, mixtures oil-water, urea solution (AdBlue®), liquid fertilizer (AHL, ASL, HAS), JGS (liquid manure, semi-liquid manure, silage effluent) ...
- To be fitted outside the EX protection zone

Operation

- Triggers a preventive visual/audible alarm when the liquids comes in contact with the probe which is fitted inside the tank
- At this stage, the delivery must be immediately stopped (e.g. close the valve or turn the pump off on the filling point)

Advantages

- A Test button for checking the correct operation of the control alarm unit
- 2 potential-free changeover relay contacts

Technical specifications

- Power supply : 230 V AC 50 Hz
- Degree of protection : IP 54 (indoors or outdoors, if protected against the weather)
- Relay contact : 2 potential-free changeover relay contacts
- Dimensions housing : 194 x 130 x 65 mm (W x H x D)
- Cable line cross-section : 2 x 1 mm² (Cu) or 2 x 1.5 mm² (Cu)
- Cable length : Extension max. 100 m (e.g. version H05VV-F, NYM or similar)
- Probe : Stainless steel 1,4301
- Probe length : 250 mm (standard)
360 mm
500 mm
700 mm
- Ambient temperature : -20°C to +60°C
- Connection thread : G 1" M

Warranty

12 months provided fitting and operating instructions are observed.

	Part no.
Overfill protector BC-2 IP 54 (probe 250 mm with 4,7 m cable)	308 393
Spare part - Control unit BC-2 IP 54 alone	308 394
Spare part – Probe 250 mm with 4,7 m cable	308 395
Spare part – Probe 360 mm with 4,6 m cable	308 390
Spare part – Probe 500 mm with 4,5 m cable	308 391
Spare part – Probe 700 mm with 4,3 m cable	308 392

