

EuroSENS 2

Optical sensor



2-wire optical sensor for overflow protection according to VOC directive (EN 13922)



- Prism protector
- Easy installation
- Wide sensor length adjustment

These sensors, used in conjunction with the gantry-mounted controller, provide a failsafe overflow prevention system.

Liquid Level Optical Sensors **EuroSENS 2** produce an infra-red light signal which is reflected within a conical glass prism and detected by a photo diode to produce a 'permissive' mode in a control monitor.

When the sensor is submersed in liquid, the light signal is refracted away from the prism and a 'non-permissive' mode is produced.

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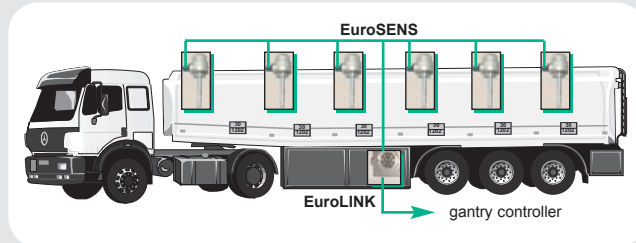
Optical sensor



This is the standard optic sensor to EN 13922 to be installed in each tanker compartment.

The fail safe optic sensor prevents compartment overfilling.

As the sensors are to be installed in series as shown on the approved installation diagram the gantry will stop bottom loading when any sensor becomes wet.



Technical information

The equipment is designed for use in hazardous areas of category 1 (Zone 0), i. e. it is installed in the manlid of a transport tank (tank truck).

Operational temperature:	-25°C to +63°C
Storing temperature:	-30°C to +70°C
Length:	134 - 406 mm
Connection:	2" BSP
Certificate Number:	Sira 04ATEX2273X

With extra oval flange, also suitable for mounting into the hole of the fuel dip stick.

Dimensions

