siteeasy
ALL-IN-ONE

Product specification

SiteEasy Optical – Level monitoring of drums

This is a simple solution for distant monitoring of levels in drums. The sensor is suitable for monitoring all liquid products in a non-ATEX environment. The sensor is designed to be mounted in the drum's 3/4" vent hole and fits both 60 and 208 liter drums. The solution fits well for oil- and chemical products, in environments like workshops, car washes, industries etc.

Together with our cloud service SiteInfo, you are able to plan efficient logistics, and avoid empty drums. The stand-alone sensor uses ToF (Time of Flight) to detect product levels. The sensor reports the levels every 8th hour. If the consumption exceeds 10 liters during 1 hour, the frequency of reports increases during the time that the consumption is elevated.

The sensor has built-in communication via Narrowband IoT. The sensor is easy to install, already after approx. 15 minutes, it is connected to SiteInfo. If empty drums are replaced by new ones, the sensor can easily be moved to them.

SiteInfo offers an advanced AI-functionality to forecast product volumes. That enables a perfect planning and logistics, based on the information in SiteInfo about how many more days the product lasts. Delivery of new drums can then be planned better and according to "just-in-time".



Advantages with SiteEasy Optical

- IP68 robust enclosure
- Integrated lithium battery
- NB-IoT for best coverage
- Up to 4 year battery life span under normal conditions
- Even fits for installations in cold storage down to -20°C
- Easy access to level and volume data, through SiteInfo

Technical Specification

Connectivity:	NB-IoT
Range:	Up to 40km
Regions:	Global
Frequens of data transfer :	3 times per 24 hours under normal conditions
Drums:	60 and 208 L tin drums
Measurment accuracy:	20 mm ~ 5 L in a 208 L drum
Operating temperature:	-20°C to +60°C
Power supply:	Built-in lithium battery (Li-Mn02)
Dimension:	175 x 75 x 35 mm
Protection:	IP68
Certification:	CE

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