



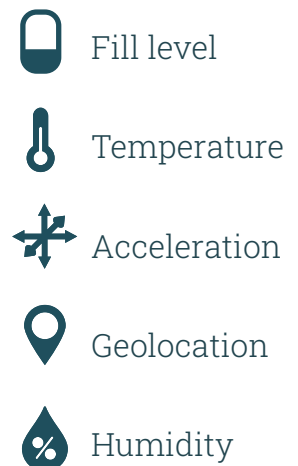
Technical Data

Sensor Name	Phil	Oscar
Dimensions L/W/H	115x65x55 mm	71x43x28 mm
Operating Temperature	-20°C ... + 80°C	
Protection	IP65	
Humidity	up to 100% condensing	
Sensor technology	optical, Time of Flight	
Measurement Distance	2 ... 400 cm	
Measurement Area	cone shaped, configurable up to 27°	
Measurements / day	12 (standard), configurable	
Cellular network	NB-IoT, LTE-CAT-M1	
Uplinks / day	3 (standard), configurable	
Battery Type	LiSOCl ₂ 3,6V	
Lifetime	> 10 years*	> 5 years*
Housing	ABS	PC UL 94 V-0
Installation	Screws / glue / magnet	

Connectivity



Measurements



*Average lifetime with 12 measurements and 3 uplinks per day. Actual lifetime is depending on various factors (signal quality, temperature etc.) and hence may vary.