

ROOF IOT

SIHGA® Feature

EPS cylinder placed in inspection port

Measurement of 4 parameters

Existing roofs or new construction

No cabling necessary

YOUR Benefit

The ROOF IOT can be inserted and put into operation without tools

By measuring the temperature, relative humidity, water level in mm and moisture content of the EPS housing, these measured values can be used to detect damage

The ROOF IOT can be used both on existing flat roofs by retrofitting an inspection spigot and on new flat roofs via the inspection spigot

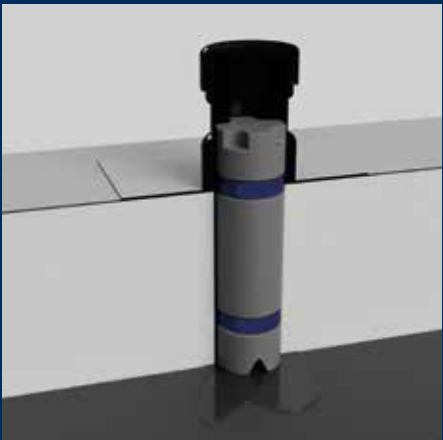
The ROOF IOT is battery-operated and sends the data to the software via an integrated SIM card; an automatic alarm is triggered when the battery is low

SIHGA®		Dimension	Assembly	Operating mode	Battery	
montagepack		Ø x L	Inner control nozzle	Battery	Service life	Operating temperature
Art. No.	PU	[mm]	min. 110 mm	1,5 V AA	years	°C
TT60291	1	106 x 400	No scope of delivery	6	> 3	-20 to 60

Measurement type							
Measuring range	Water level	relative humidity		Temperature		Moisture measurement of the EPS housing	
[mm]	Res. [mm]	Range [%]	Res. [%]	Range [°C]	Res. [°C]	Measuring principle	Range [%]
0 - 12	0 / 4 / 7 / 12	0 - 100	0,1	-40 to 100	0,1	Resistance	6 - 100



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SIHGA® TIP:

When purchasing the control connection pieces, ensure that they have an internal diameter of at least 110 mm.



RELIABLE CONTROL



LEGAL CERTAINTY



EARLY DETECTION