TECHNICAL DATA SHEET

12 - 12 - 2013	TDST DOC111844 001

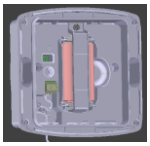
Designation	**Io Pulse sensor**
Reference	**Pro 1822449** **DIY 9018683**
Range	**TaHoma Satellite**

FUNCTIONS

- Energy consumption sensor
- Compliant with SELV meters equipped with a pulse output (dry contact)
- Works only with Tahoma



Sensor outside



Sensor inside

TECHNICAL SPECIFICATIONS

Box	Material		Polypropylene
	Color		Bronzal Ultra light
	Size		110 x 110 x 40 mm
	Protection factor against solid & splashproof		IP 20
Battery	Voltage		1.5 V
	Type		LR6 – AA
	Number		x2
Battery life time (at ambient temperature in typical conditions)			2 years
Radio frequency			868.25MHz/868.95MHz /869.85MHz
Radiated power			+10 dBm
Modulation type			FSK dev. +/- 19.2KHz
Protocol			io homecontrol
Antenna			Integrated
Temperature range		Storing	-30°C / +80°C
		Working	0°C / +60°C
Drop test			2 (height : 2m)
Measurement			Pulse according to IEC 62053-31
Weight			260g with packaging 170g without packaging

Safety of the user : EN EN60950-1 : 2006

Health of the user : EN50371 : 2002

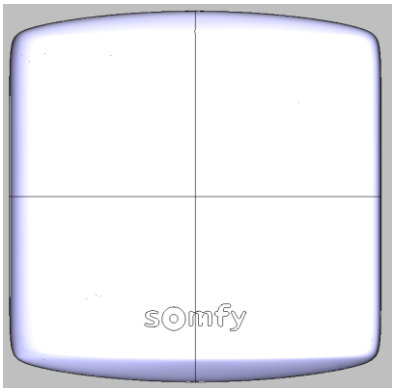
Electromagnetic compatibility : EN61000-6-1: 2007_EN61000-6-3 : 2007_EN301 489-3 V1.4.1 : 2002_EN301 489-1 V1.8.1 : 2008

Radio Spectrum : EN300220-2 V2.1.2 : 2007_EN300220-1 V2.1.1 : 2006

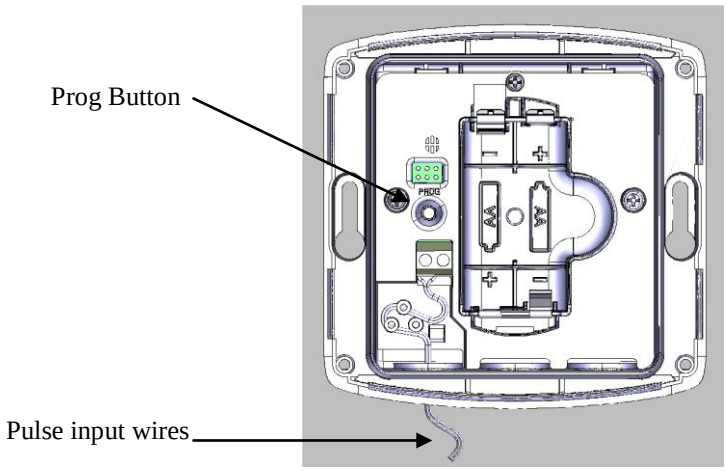
Atex

DESCRIPTION

Outside



Inside



COMPATIBILITIES

- TaHoma

INSTALLATION

- Connect the pulse meter output o the sensor input
- Read the value of 1 pulse on the meter (gaz, water, thermal energy…)
- Connect to TaHoma web interface or Tablet app
- Click on “CONFIGURATION” menu
- Click on “*sensors”*
- Click on “*add*”
- Follow the instructions displayed on the screen
    - Enter the value of 1 pulse (value and unit)
    - Press Prog 2s on the sensor
    - Enter a name
    - Answer few questions about the installation (for Gaz meter only)

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