

# SafeTech Connect 2422

Leakage protection



## Field of application

The SYR SafeTech Connect 2422 offers a leakage detection system according to DIN 3553 that permanently supervises the installation as soon as

it is activated. The SafeTech can be controlled via the WLAN network with a smartphone or via the Internet.

## Design

The SafeTech Connect's monitoring electronics allow leaks to be detected. If the pre-programmed values are exceeded, the entire installation is locked. The SafeTech offers an absence function for enhanced monitoring. The management and

diagnostic system allows all important functional data to be set individually. After a learning phase, SafeTech creates a user profile to which further profiles can be added.

## Materials

The body is made of a high-quality low-lead brass alloy. The rubber parts are made of ageing-resistant elastomer. Non-rusting steel is used for all other functional parts. All materials used are

state-of-the-art. All synthetic parts getting into contact with water are approved by the German Public Health Office (KTW).

## Installation

The SafeTech Connect is available in sizes DN 20 - 32 and is mounted directly into the pipeline. It can be installed either centrally behind the water meter

system in the pipeline or decentrally for single line protection.

Thoroughly flush the pipe prior to installation. Install the required Drufi connection flange under consideration of the direction of flow either in

vertical or horizontal pipes. Do not apply stresses. All electric connections are pre-installed in factory.

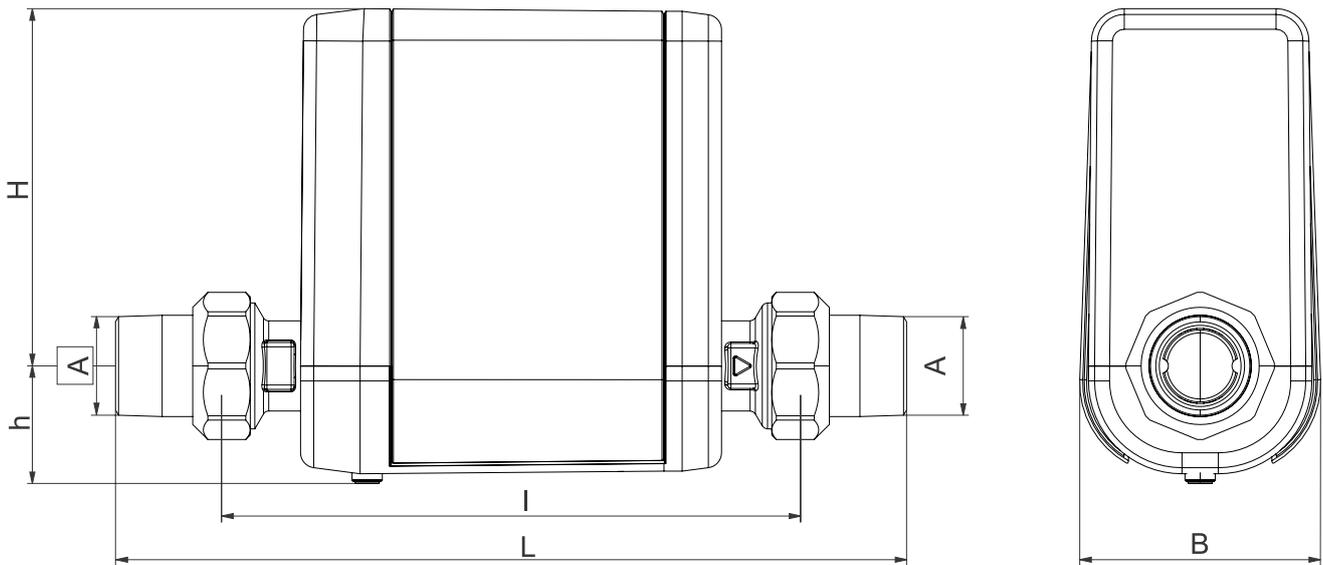
## Technical specifications

Operating temperature:	10 - 30 °C
Ambient temperature:	10 - 60 °C
Nominal pressure:	16 bar
Mounting position:	Main axis: horizontal
Medium:	Potable water
Type of protection:	IPX3
Batteries	1 x 9V Block (6LR61)
Voltage, power pack:	12 V / 50 Hz
Network support:	TCPIP/IPv4, extendable to TCPIP/IPv6 MQTT via Port 8883
Start-up threshold:	5 Liter/h
Flow rate:	DN 20: 6,4 m <sup>3</sup> /h at 1,0 bar Δp DN 25: 7,3 m <sup>3</sup> /h at 1,0 bar Δp DN 32: 7,7 m <sup>3</sup> /h at 1,0 bar Δp
Serial number:	2422...

## Maintenance

The SafeTech's design requires no maintenance for

correct operation.



Nominal size		DN 20	DN 25	DN 32
Dimensions	A	¾"	1"	1¼"
	H (mm)	118,8	118,8	118,8
	h (mm)	39	39	39
	L (mm)	265,2	261,2	285,2
	l (mm)	191,2	191,2	191,2
	B (mm)	79,5	79,5	79,5

Components / Order numbers

①  
Orifice

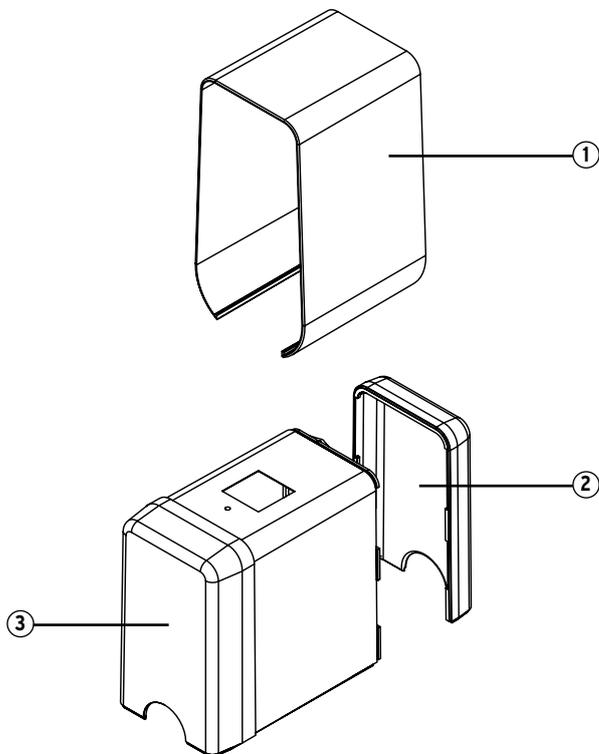
②  
Battery case

③  
Insulation

④  
Battery (1 x Block 9V - 6LR61)

⑤  
Controller

⑥  
Body



Accessories

**DC Panel jack with cord (no.pict.)**  
2422.00.905

**Pressure transducer with cord (no.pict.)**  
2422.00.902

**Conductivity measuring cartridge (no.pict.)**  
2422.00.901

**Reedcontact (no.pict.)**  
2422.00.903

**Strainer complete (no.pict.)**  
2422.00.900

**Temperature sensor (no.pict.)**  
2422.00.904

