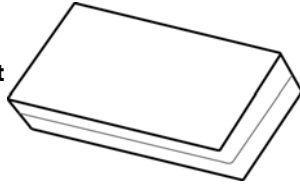


## flexSpot

### Aktiv detektor m. input



#### Funktion:

flexSpot er en trådløs aktiv detektor, indeholdende to stk. digitale input (én til sabotage, én til generel alarm). Det ene input afsender en sabotage-alarm, det andet en generel alarm. Derforuden 1 analog indgang til 0-10V, 0-20mA, PT1000 og PTC (DIP-switch). Den indbyggede temperaturføler er ikke aktiv. Aktiveres eller deaktiveres input afsendes en alarm.

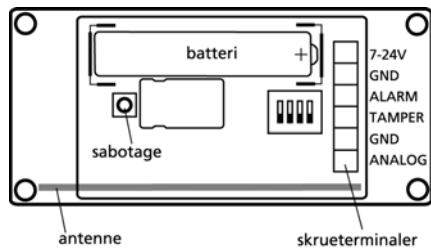
Enheden kan forsynes med et internt batteri eller ekstern forsyning.

Detektoren benyttes til at interface imellem en ekstern sensor og det trådløse system, f.eks. PIR-detektor, magnetdetektor, gasdetektor, flyder osv. Den eksterne sensor forbindes blot til input til afgivelse af generel alarm. Ønskes en sabotagealarm, forbindes den eksterne detektors sabotageudgang blot til input til afgivelse af sabotage-alarm.

#### Montering:

flexSpot skal placeres så højt som muligt. Helst således, at antennen ikke er "gemt" bag metal eller armeret beton. Dette mindsker rækkevidden væsentligt.

Detektoren monteres f.eks. ved en gennemgående skrue.



Skruen bores igennem den bagerste væg i kassen og skrues fast. Tilsluttes en ekstern detektor eller forsyning laves et lille hul til kabel i siden af kassens væg.

#### Service og vedligeholdelse:

Hver 6. måned bør det undersøges om detektoren kan aktiveres. Dette gøres ved at aktivere begge input. Ligeledes testes om der afgives sabotagealarm ved aktivering af sabotageknop og alarm ved fjernelse af strømforsyning.

Bagefter undersøges det, om der er kommet alarm fra detektoren på den centrale enhed.

Virker detektoren ikke, udskiftes batteriet. Hjælper dette ikke, udskiftes hele detektoren.

Detektorens interne batteri udskiftes ved at løsne skruen bag på senderen. Batteriet løsnes forsigtig. Herefter isættes det nye batteri. Vær opmærksom på, at batteriet skal placeres, så det ikke kommer i klemme ved på montering af låg. Se figur.

#### Ok-signal:

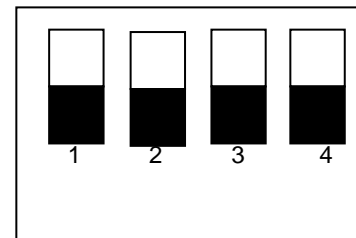
Hvert minut sender flexSpot et Ok-signal. Både temperaturen og værdien for den analoge indgang medsendes.

#### Specifikationer:

<b>Størrelse:</b>	<b>100 x 50 x 25 mm</b>
<b>Vægt inkl. Internt batteri:</b>	<b>60 g</b>
<b>Radius af trådløst signal:</b>	<b>Op til 1.000 m ved udendørs måling.</b>
<b>Spændingsforsyning:</b>	<b>Batteri 3,6V</b>
	<b>Ekstern 7-24 VDC</b>
<b>Batterilevetid:</b>	<b>Ca. 3 år.</b>
<b>Temperatur:</b>	<b>÷ 10° - + 55° Celsius</b>

#### Dele og tilbehør:

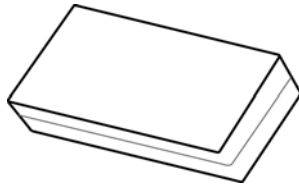
Detektor, 868MHz:	Profort nr. 007565
Internt batteri:	Profort nr. 007307
Brugsvejledning:	Profort nr. 107010



#### Indstilling af DIP-switch:

- 1 = ON: Profort temp. probe 0079950
- 2 = ON: PT1000
- 3 = ON: 0-20 mA
- 4 = ON: -10 V

**flexSpot**  
Active detector with input



**Function:**

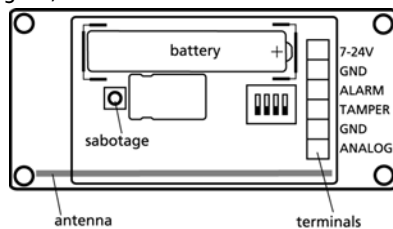
flexSpot is a wireless active detector containing two pieces of digital inputs (one for sabotage, one for general alarm). One of the inputs sends a sabotage alarm and the other one a general alarm. Moreover 1 analog input for 0-10V, 0-20mA, PT1000, and PTC (DIP-switch). Built-in temperature probe not used. If the input is activated or de-activated, an alarm is registered.

The unit can be supplied with an internal battery or an external power supply.

The detector is used to interface between an external sensor and the wireless system, e.g. PIR-detector, magnet detector, gas detector, pontoon, etc. The external sensor is only connected to the input to give a general alarm. If a sabotage alarm is wanted, the external detector's sabotage port is connected only to the input to give a sabotage alarm.

**Assembly:**

flexSpot must be placed as high as possible. Preferably so that the antenna is not "hidden" behind metal or reinforced concrete. This considerably limits the reach of the antenna. The detector is installed by means of a screw going the whole way through (see diagram).



The screw is screwed the whole way through the back wall in the box. If an external detector is connected, a small hole is made to the cable in the side of the box wall.

**Service and maintenance:**

Every 6 month a check must be made whether or not the detector can be activated. This can be done by activating both input relays. Additionally, the sabotage alarm should be tested by activating the sabotage button and alarm by cutting off the power.

Then it must be checked whether an alarm has been registered from the detector on the central unit.

If the detector doesn't work the battery should be changed. If it still doesn't work, the entire detector should be changed.

The detector's battery is changed by loosening the screw at the back of the detector. The battery is loosened carefully. Hereafter the new battery is put in. Note that the battery must be placed so that it is not squeezed when the cover is installed. See diagram.

**Ok-signal:**

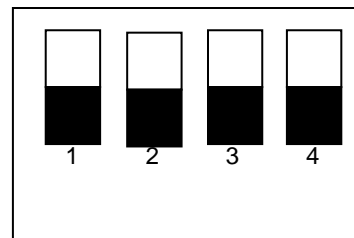
Every minute flexSpot sends an Ok-signal. Both the temperature and the value for the analog input will be sent.

**Specifications:**

<b>Dimensions:</b>	<b>100 x 50 x 25 mm</b>	
<b>Weight incl. internal battery:</b>		<b>60 g</b>
<b>Radius of wireless signal 868MHz:</b>	<b>Up to 1,000m by exterior measurement</b>	
<b>Power supply:</b>	<b>Battery 3,6V</b>	
	<b>Power supply 7-24 VDC</b>	
<b>Battery life span:</b>	<b>Approx. 3 year</b>	
<b>Temperature:</b>	<b>Minus 10° to plus 55° Celsius</b>	

**Spare parts and accessories:**

<b>Detector 868MHz:</b>	<b>Profort number 007565</b>
<b>Internal battery:</b>	<b>Profort number 007307</b>
<b>Operating manual:</b>	<b>Profort number 107010</b>



**DIP-switch setting**

- 1 = ON: Profort temp. probe 0079950
- 2 = ON: PT1000
- 3 = ON: 0-20 mA
- 4 = ON: -10 V