

## Leakage Monitor SYNVA-Puck

**Detect leaks of any liquid** - up to 3 pucks in a collecting tray / safety container.

It works with the puck sensor and the Control Unit 02852 - always reliable!



The Leakage Monitor **SYNVA-Puck** works with the Control Unit 02852 including a maximum of 3 puck sensors.

Tasks - Safely detect and monitor **liquid leaks**.

The combined RF impedance sensor system works with the Control Unit 02852 and sensitive puck sensors and can be used excellently **for any liquid** - even **non-conductive** liquids!

Proven measurement technology for sophisticated leak monitoring in collecting trays and safety containers!

The Control Unit 02852 continuously monitors the capacitance field changes to a normally dry state under the puck sensor. If it changes from "dry" to "wet" in the tub, the dielectric of the liquid changes the capacitive field under the puck sensor and immediately triggers an alarm.



### Certificates

UL/CSA/IEC 61010-1 CAN/CSA 22.2

Optional - **IECEx / ATEX:**

**Klasse 1, Zone 0,1,2; Ex ia IIC T4 Ga**  
**Explosionsschutz** - eigensicher

### Features

Measuring principle: **RF-Impedance** (capacitive)

1 - 3 Puck Sensors pro Control Unit  
react according to **all kinds of fluids**.

**Resolution: 0,04pF bis 3.000pF**

2-Relays, with two NO- / NC-Contacts

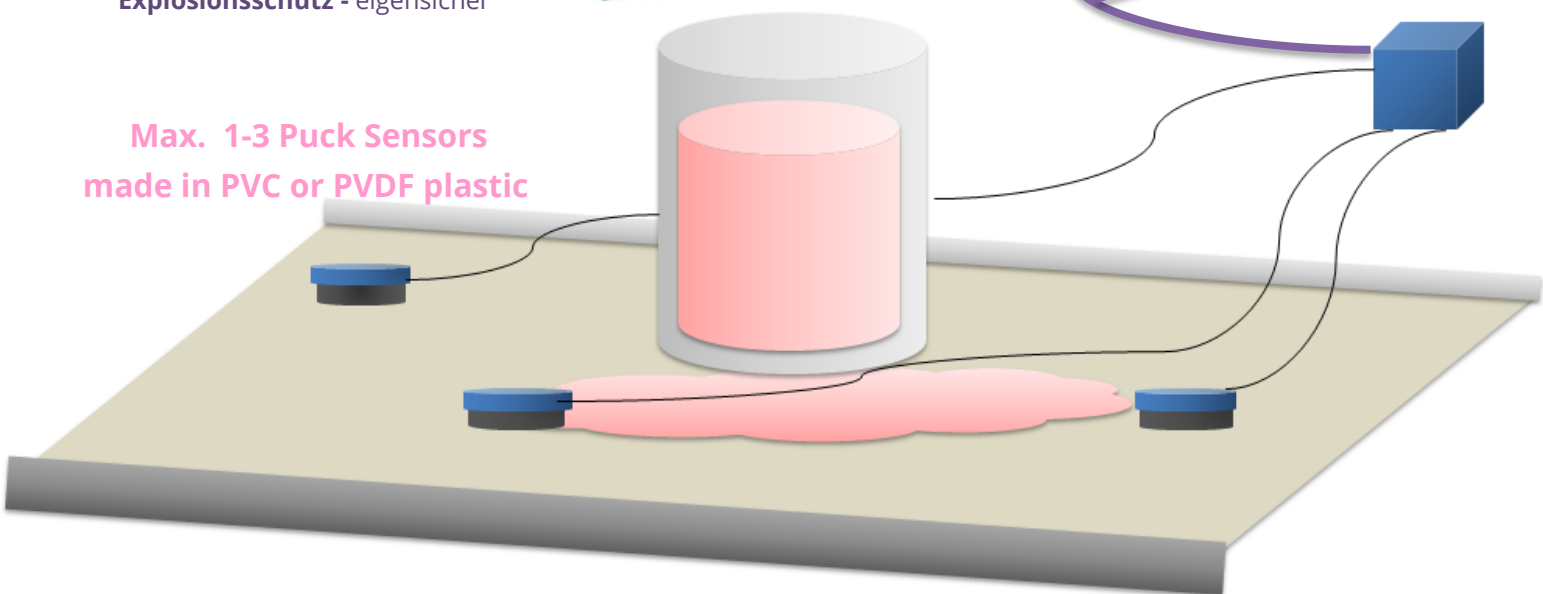
# both with storable signal output

- 4mA (Normal State 1/2)
  - 20mA (ALARM State 1/2)
- adjustable sensitivity (pF) / time delay (0-600sec.)

Puck Sensor with a hardy disc head (Epoxid plastic)

- Sensor disc made of PVC or Kynar (PVDF) plastic
- Installation in tight spaces
- (Coaxial control cable 6.0m per puck sensor)

**Max. 1-3 Puck Sensors**  
**made in PVC or PVDF plastic**



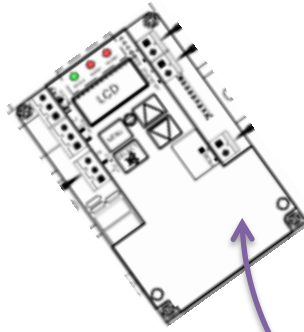
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**1.000m**

### Control Unit 02852: Technical Specifications

**Installation** only in no hazardous areas; for DIN-Rail or in a Sheet steel enclosure IP66

**Operating -°C** -20 °C , max. 55 °C

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### **Instrincky Safty Barrier**

to use the RF-Impedance-Sensor-Technology according to **ATEX Class 1, Zone 0,1,2; Ex ia IIC T4 Ga**

Options Alarm light , Summer

