



## Betriebsanleitung

Punktsensor PS

## Operating instructions

PS Point Sensor

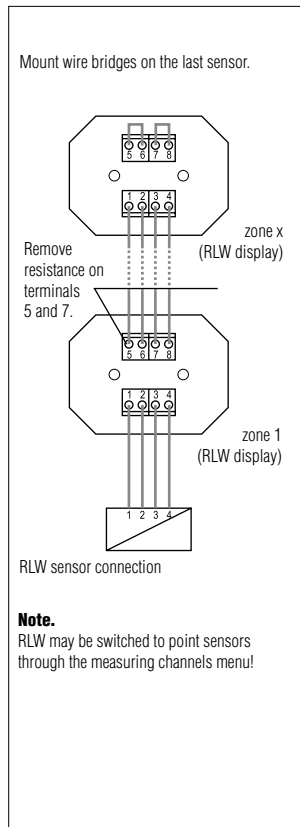
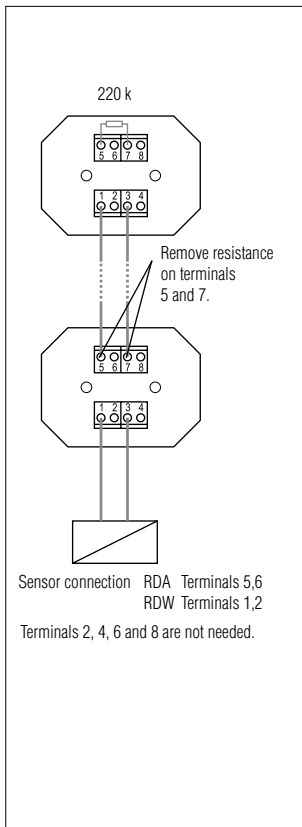
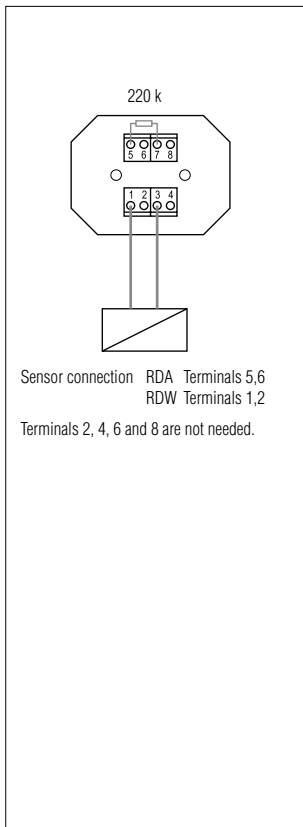
## Notice descriptive

Sonde ponctuelle PS

**Type 17-85M1-3832/0A00**

### Type 17-85M1-3832/OA00

#### Possibilities for connecting



## Description

The PS point sensor consists of a PVC sensor housing with three spacer feet.

It signals an alarm from a water level of 3 mm in connection with the BARTEC monitoring electronic mechanism (for instance, RDW, RDA or RLW). The two electrodes on the lower side of the sensor housing are made of stainless steel.

The connecting cable is led into the splash-water protected sensor housing through a screwed cable gland. The removable housing lid allows you free access to the connecting terminals.

You can connect up to 50 sensors in series and the integrated final resistance makes it possible to monitor cable breaks.

The RLW monitoring electronic device makes it possible to locate leaks with a plain-text display.

## Area of applications

Point-for point monitoring of con-ductive water leakages. The point sensor is set up directly on the surface to be monitored without additional fasteners (for instance, in a collecting trough or on the floor).

## Maintenance

The point sensor itself is maintenance-free.

When installing, make sure the electrodes are clean and free of grease. This can be assured by cleaning with spirits or with a household detergent containing a grease solvent. At suitable intervals of time, adjusted to the degree of dirt or accumulation of dust, make sure that the electrodes remain clean and free of grease.

Plug-in connections required for installation must be laid with protection against moisture. When monitoring surfaces, spacers provided by the customer for this purpose must be inserted between the surface and the floor.

## Technical data

### Dimensions

80 mm x 26 mm (ø x height)

### Operating temperature

-10 °C to +50 °C

### Housing material

PVC

### Electrodes

2 pieces made of stainless steel

### Cable glands

M 12 x 1.5  
terminal range 3 to 6.5 mm

### Connecting terminals

4 print terminals each at the input and output (screwed terminals)

### Length of connection

max. 1000 m total length

### Area separation

10 m at the output (only if used with RLW monitoring electronic device with positioning)

### Accessories

Four-lead connecting  
wire number LIYY 4 x 0.5 mm<sup>2</sup>

### Order no. 209190