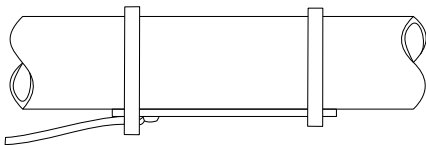
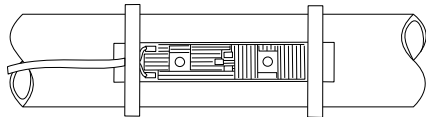


## CONDENSATION SENSOR KEK 1

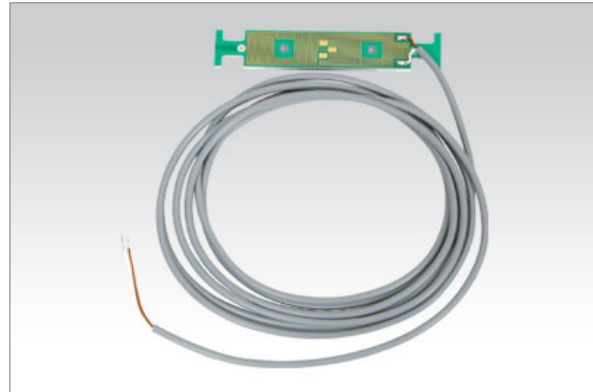
Condensation sensor KEK 1 is designed for detecting water condensation in cooling systems, for example in cooling beams. With the measuring information from the sensor, it is possible to stop the cooling water supply when the water starts to condensate on the pipe.

The sensor can be connected to the system via NTC10 input, for example. In that case the condensation point corresponds to the temperature of approximately -20 °C.

The sensor must be mounted on the side or under the pipe. In a dusty environment it is recommended to mount the sensor under the pipe.



The sensor contact surface is equipped with thermally conducting tape. This ensures a good heat transfer between the pipe and sensor. The tape enables also clean and fast mounting.



### Technical data:

Resistance	
dry	∞
condensation point	approx. 100 kΩ
Cable length	2 m
Mounting	With two cable ties on the side or under the pipe. <b>NOTE:</b> Remove the protective cable tie before mounting the sensor on the pipe.
Pipe diameter	10...100 mm

### Ordering guide:

Model	Product number	Description
KEK 1	1187040	Condensation sensor

Products fulfil the requirements of directive 2014/30/EU and are in accordance with the standards EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).