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DATA SHEET

VVxx

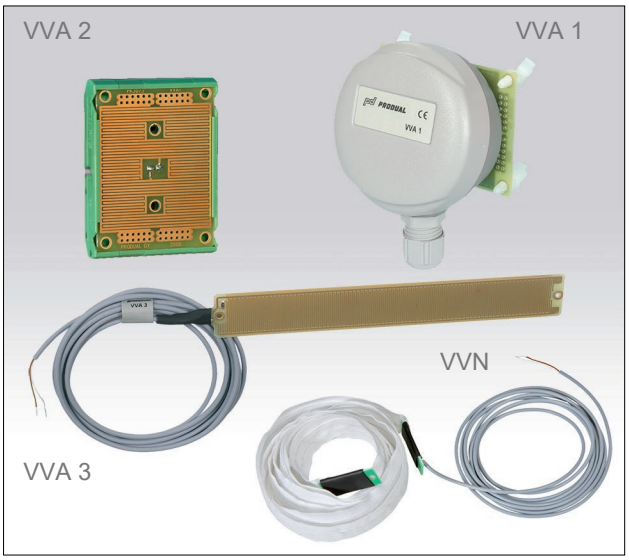
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WATER LEAKAGE SENSORS

VVA 1, VVA 2 and VVA 3 and also VVN 1 and VVN 2 are sensors, which will be used in the building automation systems together with VVK 2 or LPH 10 water leakage relays for detecting possible water leakages. The function of the sensors is based on the decreasing resistance resulting from the water on the sensor element. The resistance value of the dry sensors is about 300 kΩ.

NOTE: The VVA sensors can also be used to detect glycol leakages. Clean the sensor with a cloth and mild cleaning agent after contact with glycol.



Resistance of a dry sensor	about 300 kΩ
Detected liquids	
VVA x	water, glycol (up to 50 %)
VVN x	water

VVA 1	with a wiring case, installation on the floor surface
VVA 2	with a 2 m cable, installation on the floor surface
VVA 3	25 x 200 mm with tape fixing, 2 m cable, installation on floor surface
VVN 1	with a 1 m ribbon and 2 m cable, installation on floor or piping surface
VVN 2	with a 2 m ribbon and 2 m cable, installation on floor or piping surface

NOTE: On request Produal delivers also VVN sensors over 2 m ribbon lengths.

Ordering guide:

Model	Product number	Description
VVA 1	1187020	water leakage sensor
VVA 2	1187021	water leakage sensor
VVA 3	1187026	water leakage sensor
VVN 1	1187025	ribbon water leakage sensor
VVN 2	1187023	ribbon water leakage sensor

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

Information is subject to change without prior notice.