Panasonic

Building Automation Systems

Water Leakage Detector

WRKT35005NC



GENERAL INFORMATION

The water leakage detector is used to detect the basement, water tanks, bathroom, any concealed area or any site where water-based liquids may be leaked. Water leakage detector protects the users from expensive repairs and material losses that may be caused by the damage to the goods by detecting liquid leaks early.

If there is water detected between the electrodes of the probe, device passes to alert mode and gives notification with sound to the user. While device in the alert mode, the relay position on the device changes and system can get water leakage status (i.e. normally open or normally close dry contact) information from device.

MAIN FEATURES

- NO and NC relay connection output
- Test function with button
- Alert notification with LED and sound
- DIN rail or wall mounting
- Equipped with a probe

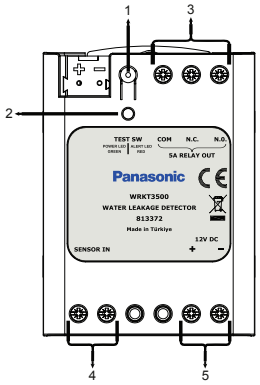
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PRODUCT COMPONENTS

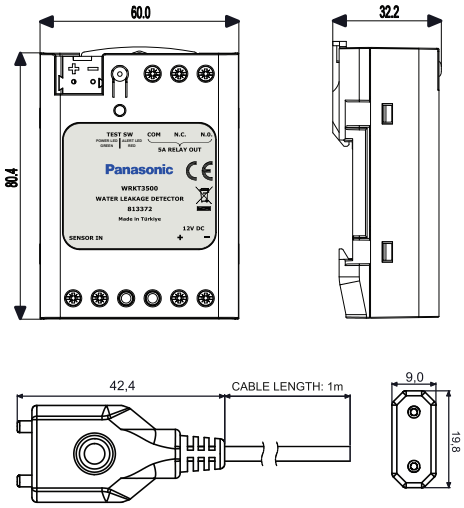
1. Test switch can be used for the final check of the output functionality and the buzzer.
2. Status led shows the devices status. Green colour shows the power. Red colour shows the alert.
3. Relay connection terminals.
4. Sensor connection terminals.
5. Power connection terminals.



TECHNICAL DATA

Power	
Operating voltage	12 VDC (SELV)
Current consumption	100 mA
Environmental Conditions	
Ambient temperature	-5 C ...+45 C
Storage temperature	-10 C ... +55 C
Ambient humidity	5...93% (non-condensing)
Housing	
Dimensions of device (HxWxD)	80.4x60x32.2 (mm)
Dimensions of probe (HxWxD)	19.8x42.4x9 (mm)
Probe connection	2 x screw terminals
Relay connection	3 x screw terminals
Power connection	2 x screw terminals
Probe Information	
Probe cable length	1 m (cuttable)
Detection response time	<5 sec
Electrode chemical resistance	Mains Water
Maximum probe cable length	1 m
Notification with Relay and Sound	
Protection type (IEC60529)	IP 20
Pollution degree (IEC60664)	2
Protection class (IEC61140)	II
Overvoltage category (IEC60664)	III
CE Marking / Standard	
EU Directives	In compliance with EMC, LVD

DIMENSIONS



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