

HWg-WLD Relay: Water detection

Water sensing cable (2m) detects water leaks. Relay and 1-Wire UNI outputs (Poseidon).

HWg-WLD Relay detects a water leak anywhere along the length of the connected sensing cable (up to 85m – 280ft). HWg-WLD Relay is supplied with a 2m (6.5ft) sensing cable. 12V power adapter is sold separately.

Water leak or cable disconnection is indicated by activating a relay (NO/NC). The sensor can be connected to a Poseidon unit over the 1-Wire UNI bus (RJ11).

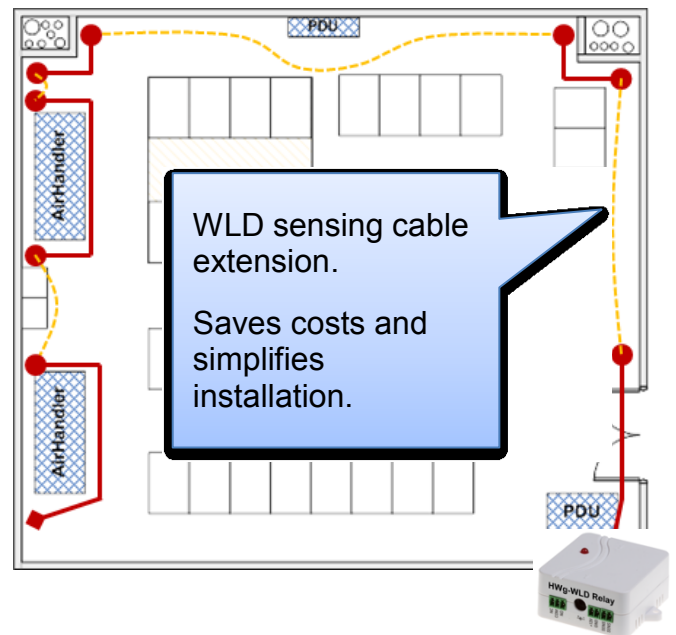
HWg-WLD Relay can be installed stand-alone using a 12VDC power supply and a relay output. HWg-WLD Relay can be also used as a sensor connected to a Poseidon unit over the 1-Wire UNI bus.

Relay outputs indicate a detected water leak or cable disconnection.



Applications

- Water detection under raised floors
- Water detection above suspended ceilings
- Detection cable laid along the walls
- Detection of water leaks in drip trays
- Detection of water leaks under A/C outlets
- Leaky pipe detection (cable routed along the pipe)



WLD sensing cable, type A

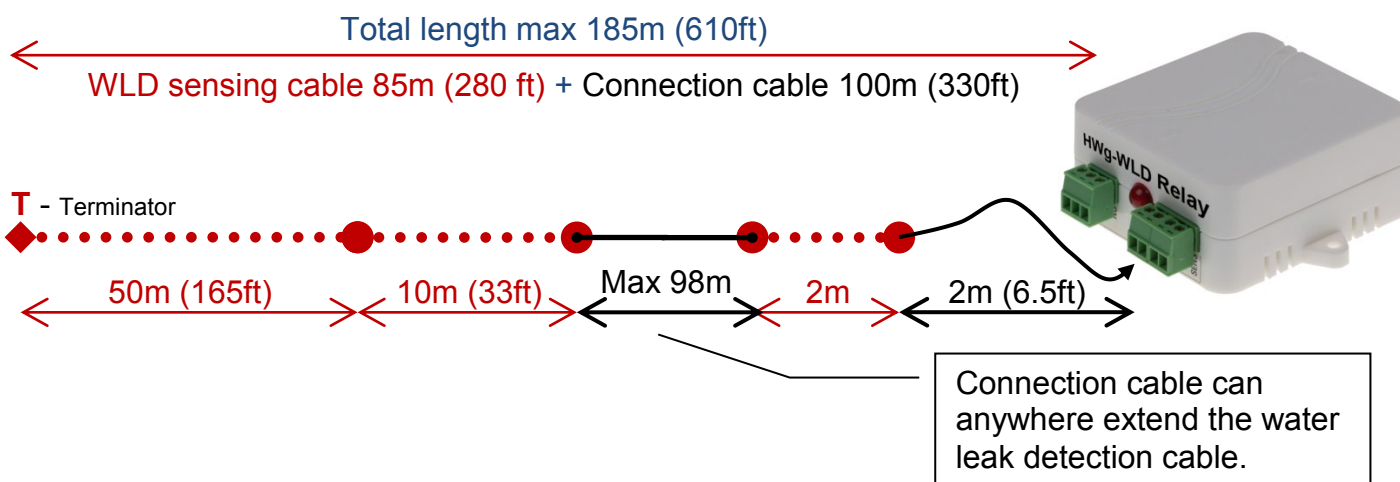
- 2m sensing cable is included in the WLD package.
- The sensing cable consists of a sensing segment, a leader segment and a terminator.
- The WLD sensing cable can be extended using 2m / 10m / 50m sensing segments.
- 5m extension cable is available. It can be used to extend the cable to max. 100m.
- The moisture-absorbing sensing cable reacts even to the smallest volumes of water, ethylene-glycol or other conductive liquid.
- WLD cable type A detects a small amount of liquid, the cable can be dried and reused.
- Water or other conductive liquid is detected along the entire length of the sensing cable.

Basic features

- The sensing cable can be extended with a two-wire cable (min AWG24).
- The sensing cable can be fixed using clips or adhesive tape.
- Status indication over the **1-Wire UNI bus**:
 - **0** = OK
 - **1** = Sensing cable wet
 - **2** = Sensing cable disconnected
- Status indication using the **relay output**:
 - **Open** = OK (or “device power off”)
 - **Closed** = sensing cable flooded or disconnected

HWg-WLD Relay	
• Input (sensing cable)	1
• Max. sensing cable length	85m (280ft)
• Max. leader cable length	100m (330ft)
• Relay output	Yes
Power: External 12V / 0.1 A	
• 1-Wire UNI bus output:	Yes
Power: from a Poseidon unit	

Sensing cable extension

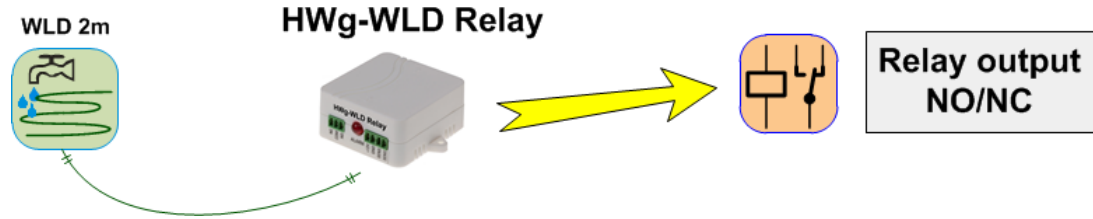


Accessories



600 493	HWg-WLD Relay	Water leak detection pack. Includes 2m (6.5ft) sensing cable + 2m (6.5ft) leader cable. Wall plug power adaptor 12V included.
600 476	Sensor WLD Relay 1W-UNI	Water flood detector plain unit. Without the sensing cable.
600 417	WLD sensing cable A – 2+2m	Water leak detection cable. Total length is 4m (13 ft): 2m (6.5ft) leader cable + 2m (6.5ft) sensing cable, terminated.
600 467	WLD sensing cable A – 2+10m	Water leak detection cable. Total length is 12m (39ft): 2m (6.5ft) leader cable + 10m (33ft) sensing cable, terminated.
600 496	WLD A prolong cable 5m	Prolong non sensitive cable 5m for WLD type A cable. Can be extended up to 100m in total.

Usage as a NO/NC relay output



Usage as a 1-Wire UNI sensor

