WLD-Location cable L

Detects a water leak and pinpoints its location along the cable.



Identify the leak location without searching the entire zone. The yellow WLD-Location cable L detects water or electrically conductive water-glycol mixtures and identifies their location along the cable. It helps maintenance teams find the affected area faster, even under raised floors or along hard-to-access pipework.

The WLD-Location cable L detects liquid anywhere along its length and measures the distance from the beginning of the yellow cable to the point of contact. This helps you identify where to inspect and intervene, rather than checking the entire monitored area.

Standard WLD Type A and Type B sensing cables detect liquid anywhere along their length within a monitored zone but do not identify the leak location.

One WLD-L zone supports a maximum total length of 100 m of yellow location cable. WLD-L Location cables of different lengths can be connected end to end.

- Water Leak Detection and Location
- Bend limit 25 mm
- Grip limit 5 kg/cm²
- No reuse limit

General specifications	
Cable material	Fluoropolymer, PVC
Length variants	10 m, 50 m, custom
Max. cable length	100 m
Cable diameter (Ø)	6 mm
Electrically insulated surface	✖
Terminator	Required

Technical parameters	
Leak location accuracy	±4% of the cable length (±0.4 m for a 10 m cable)
Leak detection response time	15 – 30 seconds
Cable diameter (Ø)	6 mm
Min. bend radius	25 mm
Min. wetted cable length	15 mm
Min. liquid depth	3 mm
Connector	4-pin (locking connector)
Connection to the WLD-L port	WLD-Connecting cable L 5m

Typical applications

- Data centres and server rooms
- Direct Liquid Cooling (DLC)
- Glycol cooling circuits
- Heating, ventilation, and air conditioning (HVAC)
- Piping routes
- Plant rooms and boiler rooms
- Commercial and office buildings
- Hotels
- Hospitals and laboratories
- Warehouses, archives, and storage facilities
- Basements and service floors
- Industrial facilities

Detected liquids

The WLD-Location cable L responds to electrically conductive liquids. It detects water, water-propylene glycol mixtures, water-ethylene glycol mixtures, and other electrically conductive liquids. Typical examples include Dowfrost, DOWTHERM SR-1, Tyfocor, and Antifrogen.

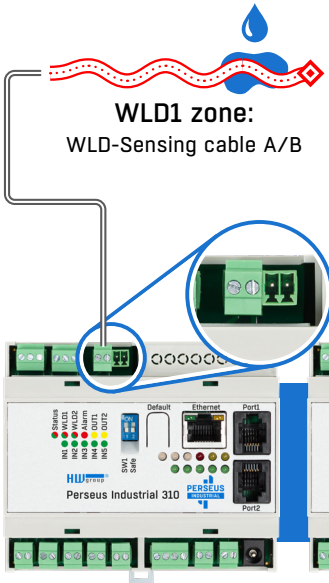
- Detection depends on the electrical conductivity and concentration of the specific liquid.
- Can be easily dried after flooding and reused.

WLD / WLD-L port

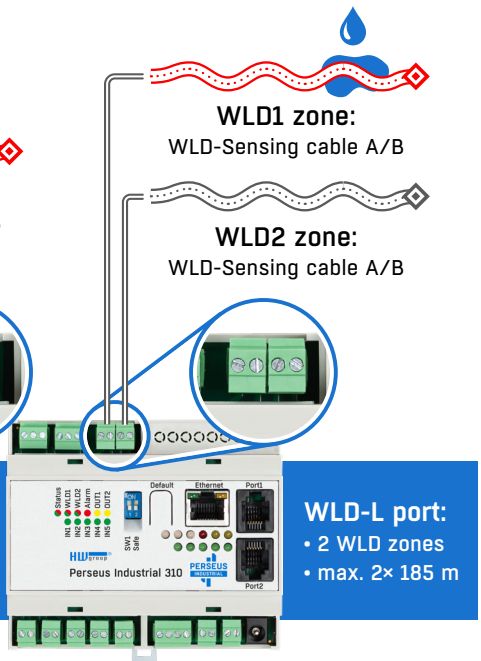
A green 4-pin "WLD-L" port is required to connect the yellow WLD-Location cable L.

- Only WLD Type A and Type B sensing cables can be connected to a 2-pin WLD port.
- The WLD-Location cable L is connected to the device using the 5m "WLD-Connecting cable L 5m". Distance is measured from the beginning of the yellow location cable; the 5 m connecting cable is excluded.
- A special feature of the WLD-L port used to locate flooding is that it can also operate as two independent 2-pin WLD ports after the device configuration is changed.

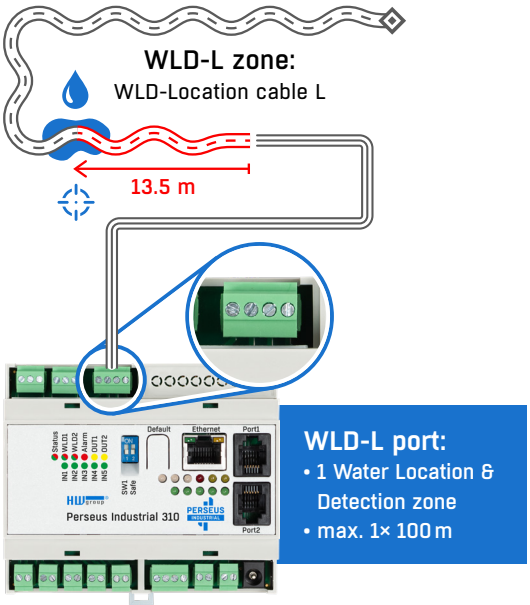
	Leak Detection (zone)	Leak Location (distance)	Connection port	Max. length
WLD-Sensing cable A	✔	✖	WLD / WLD-L	185 m
WLD-Sensing cable B	✔	✖	WLD / WLD-L	185 m
WLD-Location cable L	✔	✔	WLD-L	100 m



WLD-L port
WLD1 zone: flooded
WLD2 zone: not used



WLD-L port
WLD1 zone: flooded
WLD2 zone: non-flooded



WLD-L port: Detection & Location zone
WLD-L zone: flooded
WLD-L location: 13.5 m