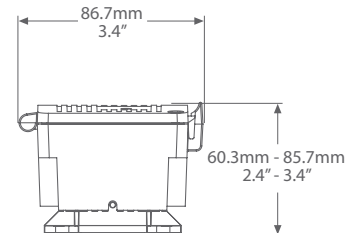
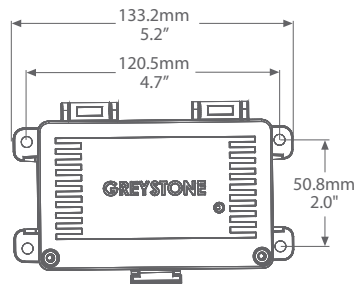




## WATER DETECTOR, DUAL CHANNEL, SPOT



### WLD2S SERIES

#### PRODUCT DESCRIPTION

The dual channel spot water detector is used to detect the presence of water or conductive liquids. It features two detection points each with an independent relay output and is designed to signal alarms if one or more of three conditions are met: water is detected, power is lost to the unit, or if there is an internal failure.

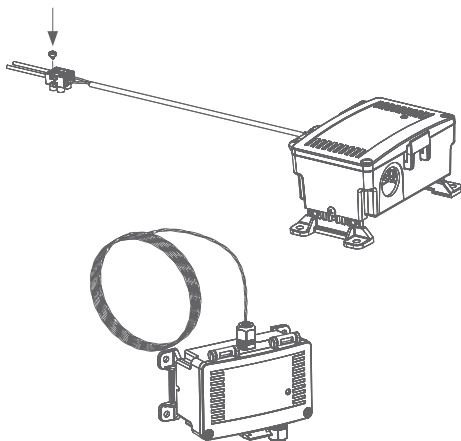
The dual channel spot water detector features spot detection on channel 1, with sensing probes protruding from the bottom of the enclosure and on channel 2, the selection of either remote spot or conductivity cable which are available in several lengths.

It is housed in an IP65 rated enclosure with height adjustable mounting legs. An LED provides visual status indication.

#### TYPICAL INSTALLATION

**For complete installation and wiring details, please refer to the product installation instructions.**

The water detector enclosure can be mounted directly to the floor of the area requiring monitoring or on a nearby wall.



#### SPECIFICATIONS

POWER SUPPLY	12 - 27 Vac/dc
SUPPLY CURRENT	125 mA max @ 24 Vac
ALARM OUTPUT	2 Form C relay(s), NO/NC, rated 2 Amps @ 30 Vac/Vdc, 0.5 Amps @ 120 Vac (resistive load)
VISUAL INDICATION	Tri-color LED - Green, Yellow, Red
OPERATING TEMPERATURE	0 to 50°C (32 to 122°F)
ENCLOSURE	ABS with hinged and gasket cover, IP65
DIMENSIONS	133.2mm L x 86.7mm W x 60.3-85.7mm H (5.2" x 3.4" x 2.4" - 3.4")
SENSING PROBE HEIGHT	Adjustable, 1mm (0.04") to 26mm (1.04") - 5 pre-set heights
CABLE TYPE (REMOTE SPOT)	FT-6 Plenum rated
APPROVALS	CE, RoHS
COUNTRY OF ORIGIN	Canada

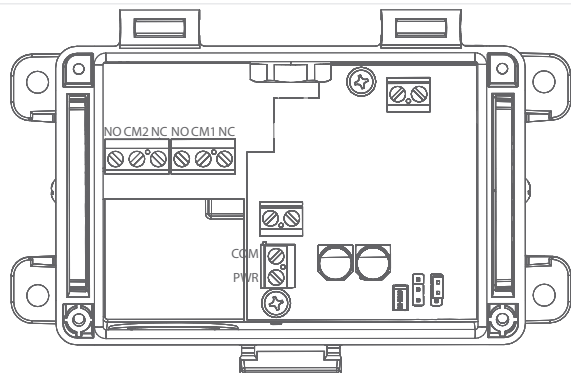
#### APPLICATION

The following chart gives examples of what types of fluids the WLD can and cannot be used to detect.

FLUIDS THAT CAN BE DETECTED	FLUIDS THAT CAN'T BE DETECTED
City water	Pure water
Sea water	Gasoline
Copper sulfate solution	Oil
Weak acid	Brake fluid
Weak base	Alcohol
Household ammonia	Ethylene glycol
Water & glycol mixture	Parafin
Wet soil	Dry soil
Coffee	Whiskey



## WIRING INFORMATION



### TERMINAL

### FUNCTION

NO	Normally Open Contact
CM1	COMMON
NC	Normally Closed Contact
NO	Normally Open Contact
CM2	COMMON
NC	Normally Closed Contact
COM	COMMON
PWR	+24 VAC/DC

## ORDERING

PRODUCT	<b>WLD2S</b>	Water Detector, Dual Channel, Spot
CHANNEL 2	<b>R</b> <b>C</b>	Remote Spot Conductivity Cable
REMOTE CABLE LENGTH (REMOTE SPOT) LEADER CABLE LENGTH (CONDUCTIVITY)	<b>00</b> <b>02</b> <b>05</b> <b>10</b>	None 2m (6.5') 5m (16.4') 10m (32.8')
CONDUCTIVITY CABLE LENGTH	<b>C000</b> <b>C002</b> <b>C003</b> <b>C005</b> <b>C010</b> <b>C015</b> <b>C020</b> <b>C050</b>	Select if Remote Spot is selected for Channel 2 2m (6.5') 3m (9.8') 5m (16.4') 10m (32.8') 15m (49.2') 20m (65.6') 50m (164')

NOTE: Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

## PART NUMBER

**WLD2S**