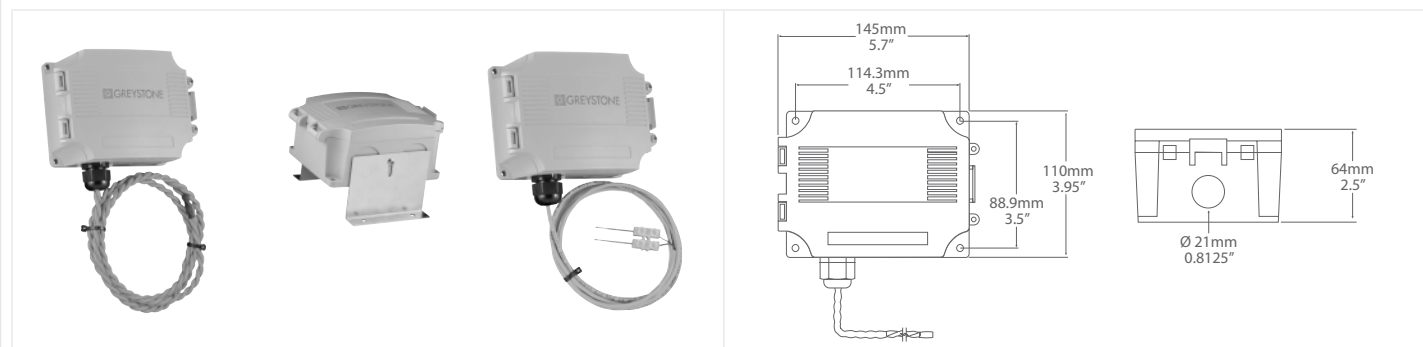




WATER DETECTOR



WD-100 SERIES

PRODUCT DESCRIPTION

The WD100 is a microchip-based device that uses gold-plated sensing probes to detect the presence of water or other conductive liquid. The WD100 is powered by an AC or DC source, 14 - 30 volts. It features normally open and normally closed (form C) relay contacts rated at 5A @ 120 Vac/30Vdc for connection to a monitoring system, or direct control of another device. The mounting legs will allow a sensing height adjustment from 0" to 1/2". The WD100 is designed to signal an alarm 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 WD100 provides the highest level of water detection confidence.

The WD-102 operates on the same principle as the WD-100 but comes with a 5 ft. remote probe. For custom lead lengths please contact Greystone.

The WD-100-XX series c/w the specified length of conductivity cable. See ordering information for available lengths.

ORDERING INFORMATION

WD100: Stand alone

WD-102: Remote Probe (5')

WD-100-5: c/w 5' conductivity cable

WD-100-10: c/w 10' conductivity cable

WD-100-25: c/w 25' conductivity cable

WD-100-50: c/w 50' conductivity cable

WD-100-100: c/w 100' conductivity cable

Custom lengths available upon request.

SPECIFICATIONS

POWER SUPPLY	14 - 30 Vac/dc
SUPPLY CURRENT	60 mA max @ 24 Vdc, (no water)
OPERATING TEMPERATURE	0 to 70°C (32 to 158°F)
CABLE RATING	Plenum rated - CL2P (UL)
ENCLOSURE	ABS with hinged lid and gasket, UL94-5VB, IP65 (NEMA 4X)
DIMENSIONS	145mm L x 100mm W x 64mm H (5.7" x 3.95" x 2.5")
HEIGHT WITH MOUNTING	98.43mm (3.875") maximum
LEGS (WD100)	88.90mm (3.25") minimum
ALARM OUTPUT	Form C relay, rated @ 2 Amps @ 250 Vac/dc (resistive load)
COUNTRY OF ORIGIN	Canada

PRODUCT DESCRIPTION

The following chart gives examples of what types of fluids the WD100 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