



CABLE-STYLE WATER DETECTOR LD300



DESCRIPTION

The **Model LD300** reports the presence of water within a predetermined zone. The **Model LD300** is a single zone system with a visual alarm indicator and a separate output relay for leaks and fault detection.

The **Model LD300** continuously monitors up to 300' (91m) of water leak detection cable and is ideal for small areas. If conductive fluid contacts the sensing cable anywhere along its length, the module will activate a leak relay, and flash the LED, clearly indicating fluid has been detected. If the sensing cable is cut or comes loose, the module will activate a cable fault by flashing the LED and activating a fault relay.

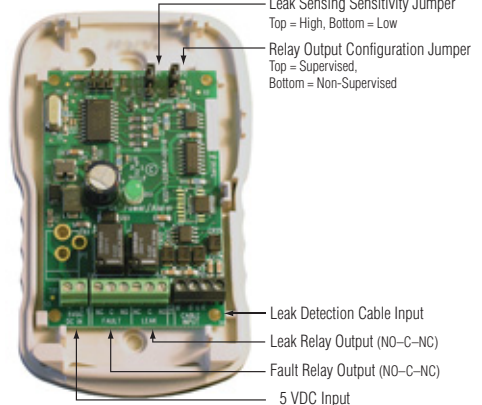
The **Model LD300** also features two jumper selectable leak detection thresholds for adjusting the sensitivity of the leak/fault detection circuit.

FEATURES

- **Dual dry contacts alarm fluid or fault detection**
- **Two adjustable alarm thresholds**
- **LED indication for normal/alarm conditions**
- **Monitors up to 300' (91 m) of sensing cable**
- **Lightweight enclosure with easy installation**
- **Use non-sensing cable between sections of sensing cable**



LD300



- Leak Sensing Sensitivity Jumper
Top = High, Bottom = Low
- Relay Output Configuration Jumper
Top = Supervised,
Bottom = Non-Supervised
- Leak Detection Cable Input
- Leak Relay Output (NO-C-NC)
- Fault Relay Output (NO-C-NC)
- 5 VDC Input

SPECIFICATIONS

Supply Voltage	5 VDC (± 10%) @ 100 mA	Mounting	Wall mount
Relay Type	Two Form C alarm relays (leak and fault)	Cable Length	10 ft (3.1m), 25 ft (7.7m), 50 ft (15.4m), 100 ft (30.8m)
Relay Outputs	1A @ 24 VDC, 0.5A resistive @ 120 VAC	Cable Type	Water detection cable
LED Indication	Solid – normal; 1 second flash - leak detected; 2 quick flashes followed by a pause - cable fault alarm	Dimensions	4.4"H X 2.7"W X 1.1"D (11.2 X 6.9 X 2.8 cm)
Response Time	<20 seconds	Approvals	CE, ETL Listed, RoHS compliant
Altitude Limits	15,000 ft (4,572m) maximum	Weight	3 oz (0.084) w/o cable
Operating Humidity	5 to 95% non-condensing	Warranty	1 Year
Operating Temperature	32° to 122°F (°0 to 50°C)		

ORDERING INFORMATION

MODEL	DESCRIPTION
LD300	Water detector includes 15' leader cable and end-of-line connector (order sensing cable separately)
LD300-100KIT	Water detector kit includes LD300 detector, 100' of cable and end of line connector
LD300-10KIT	Water detector kit includes LD300 detector, 10' of cable and end of line connector
LD300-25KIT	Water detector kit includes LD300 detector, 25' of cable and end of line connector
LD300-50KIT	Water detector kit includes LD300 detector, 50' of cable and end of line connector

	RELATED PRODUCTS	PAGE
DCP-524	Power supply, 24 VAC IN to 24 VDC and 5 VDC OUT	839
JC-200	Package of 200 cable-securing J clips	
JC-25	Package of 25 cable-securing J clips	
NSC-10	10' non-sensing cable	
NSC-100	100' non-sensing cable	
NSC-25	25' non-sensing cable	
NSC-50	50' non-sensing cable	
SC-C-10	10 ft (3.1m) Chemical Sensing cable	525
SC-C-100	100 ft (30.8m) Chemical sensing cable	525
SC-C-25	25 ft (7.7m) Chemical sensing cable	525
SC-C-50	50 ft (15.4m) Chemical sensing cable	525
WCCS-50	Weighted cable connector; simulates 50' of sensing cable	
X-CON	X connector single SC input, 3 SC outputs	