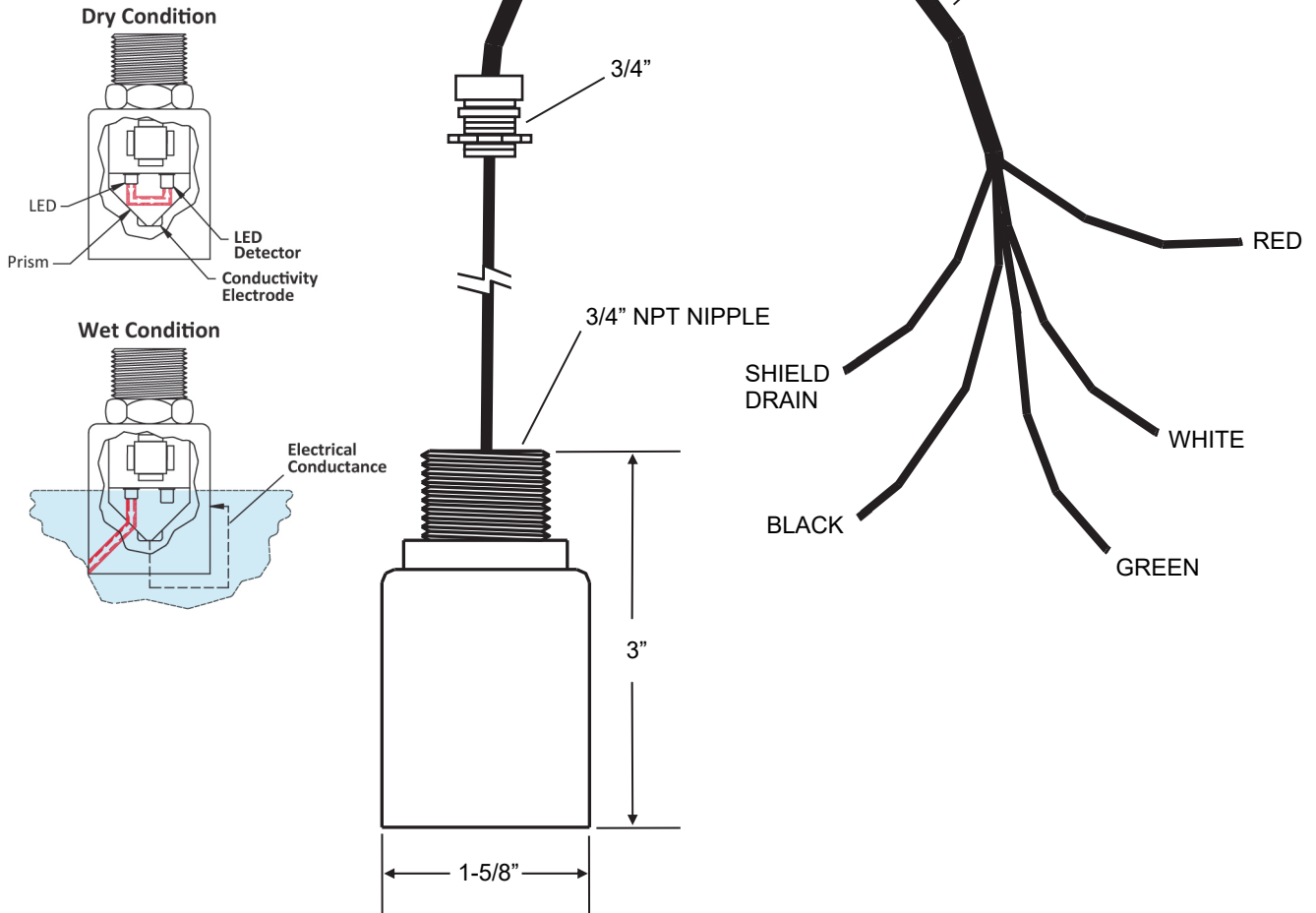


PDWS SENSOR

PRODUCT DISTINGUISHING STEEL TANK DRY INTERSTITIAL SENSOR

PRINCIPLES OF OPERATION



PDWS SPECIFICATIONS

U.L. LISTED 5L04

Intrinsically safe Class I, Group D Hazardous Locations when connected in accordance with control drawing nos. L1PD2, L2PD4, L3PD6

OPERATING TEMPERATURE

-40 to +140 F

POWER

2 VDC @ 13 mA

WEIGHT

1/2 pound

PRINCIPLES OF OPERATION

Liquids (ex: fuel, water) - Photo optic
 Dry Condition - Normally closed light beam
 Alarm Condition - Opens (refracts) normally closed light beam
 Water Detection - Conductance

SENSOR CABLE

Shielded 22 AWG UL-E118830 CM
 Maximum length 2000 feet

RESPONSE TIME

Immediate