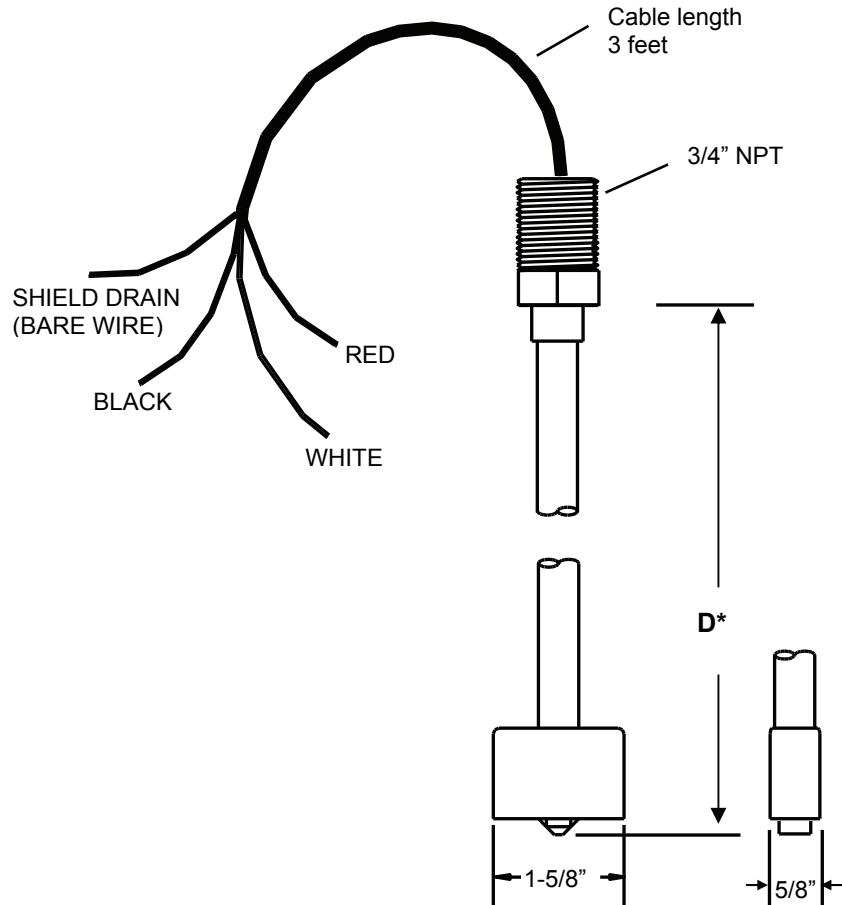
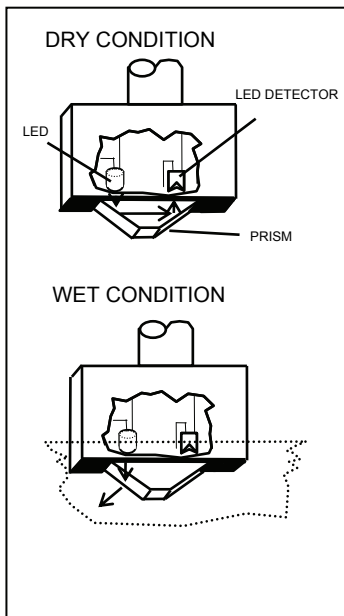


**Liquid Level Optic Sensor****Principles of Operation****L-1-SP SPECIFICATIONS****U.L. LISTED 5L04**

Intrinsically safe Class I, Group D Hazardous Locations when connected in accordance with Control Drawing nos. L1, L2, L3, L4, L6, L9

**OPERATING TEMPERATURE**

-40 TO +140 F

**POWER**

2 VDC @ 13 mA

**WEIGHT**

2 pounds

**PRINCIPLES OF OPERATION**

LIQUIDS (ex: fuel, water) – Photo Optic

DRY CONDITION – Normally closed light beam

ALARM CONDITION – Opens (refracts) normally closed light beam

**SENSOR CABLE**

Shielded 22 AWG UL-E118830 CM

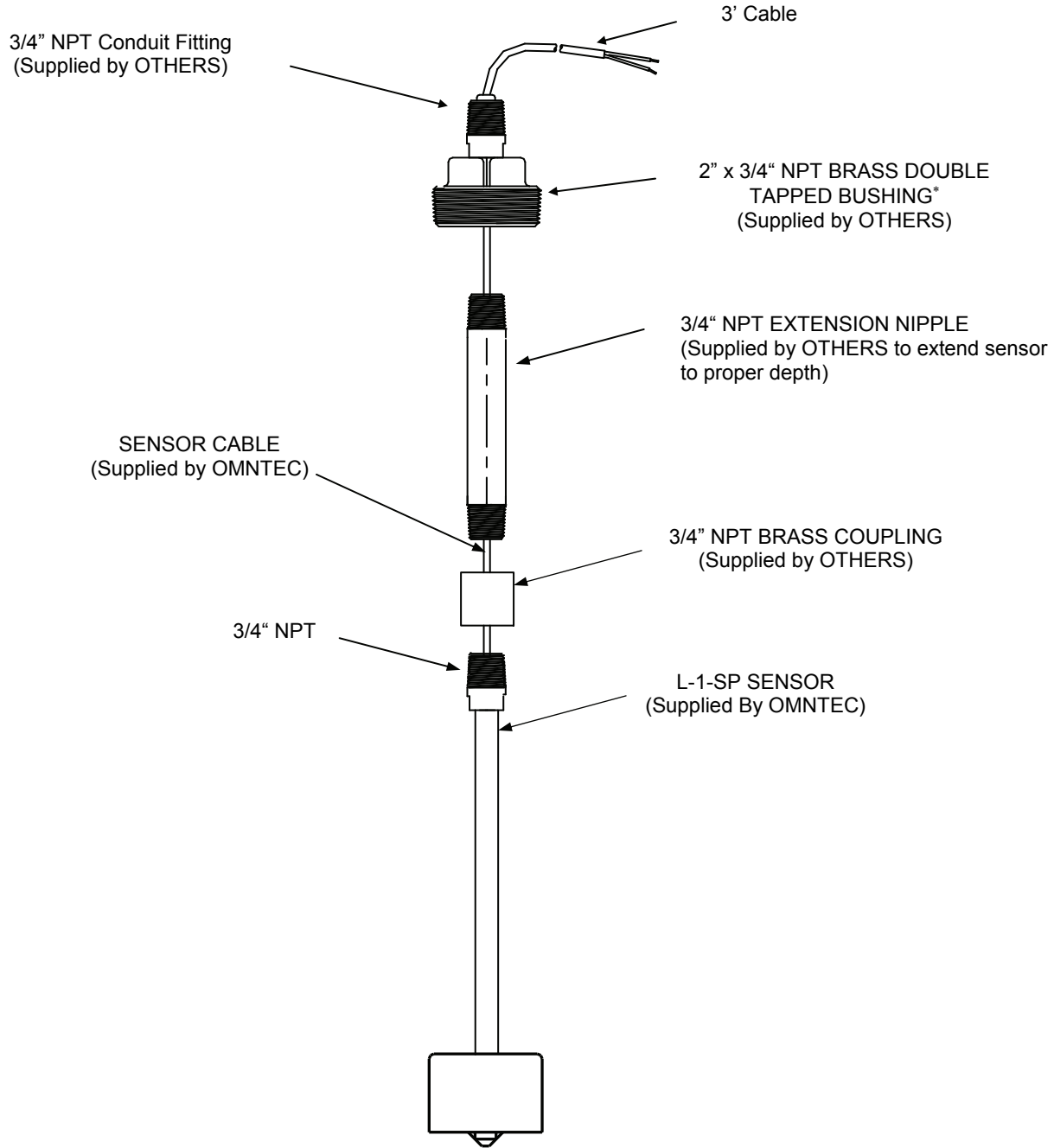
Maximum length 2000 feet

**RESPONSE TIME**

Immediate

# L-1-SP Fitting Assembly

## TYPICAL 2" FITTING ASSEMBLY



**\*WARNING-** It is the installer's responsibility to select a thread sealant that is compatible with the product being stored and that all NPT fittings are fastened properly to assure liquid tight seal for proper sensor operation.