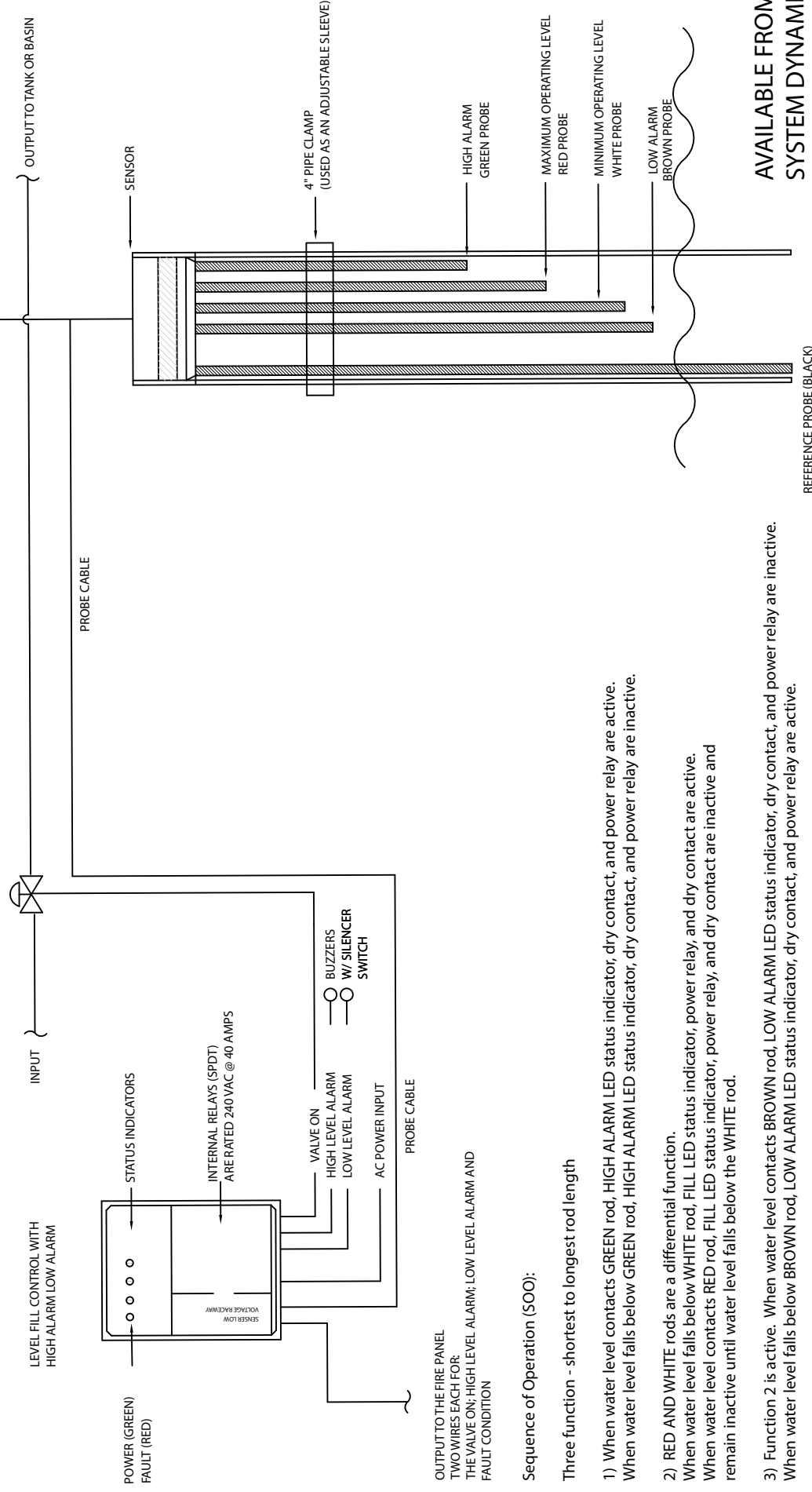


REFERENCE - BLACK
 LOW LEVEL ALARM - BROWN
 MIN. OPERATING LEVEL - WHITE
 MAX. OPERATING LEVEL - RED
 HIGH ALARM - GREEN



AVAILABLE FROM
 SYSTEM DYNAMICS, INC.
 888-905-1892

WATERLINE CONTROL

FPT-50 - FIRE PROTECTION SIMPLEX WATER LEVEL FILL CONTROL W/ HIGH AND LOW ALARMS

NOTE: CONTACT THE FACTORY FOR CUSTOM SENSOR REQUIREMENTS
 NOTE: SEE WRITTEN SPECIFICATION FOR MORE DETAILS

Sequence of Operation (SOO):

Three function - shortest to longest rod length

- 1) When water level contacts GREEN rod, HIGH ALARM LED status indicator, dry contact, and power relay are active.
 When water level falls below GREEN rod, HIGH ALARM LED status indicator, dry contact, and power relay are inactive.
- 2) RED AND WHITE rods are a differential function.
 When water level falls below WHITE rod, FILL LED status indicator, power relay, and dry contact are active.
 When water level contacts RED rod, FILL LED status indicator, power relay, and dry contact are inactive and remain inactive until water level falls below the WHITE rod.
- 3) Function 2 is active. When water level contacts BROWN rod, LOW ALARM LED status indicator, dry contact, and power relay are inactive.
 When water level falls below BROWN rod, LOW ALARM LED status indicator, dry contact, and power relay are active.