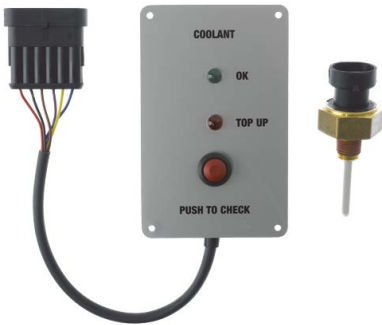


# TECHNICAL DATA



## L70 series coolant tank check system



The **Model L70** series is designed for use on equipment where there is a water cooled engine as the motive power.

The system comprises two elements: the control box with two LEDs and a high quality capacitance liquid level switch. The switch is sited at the low level alarm position in the coolant reservoir and the display panel is positioned for easy access by the operator. When the press button on the control panel is pushed the level switch reports if the coolant is above or below the minimum level. Therefore, in the case of a commercial vehicle application, a lack of coolant may be detected before the vehicle is put into service and prevent engine damage.

The flow diagram below explains the logic of the system which can be customised to suit individual applications.

## SPECIFICATION

### Dimensions:

**Panel and switch:** See drawings below

### Construction:

**Enclosure:** ABS  
Brass & PTFE

### Fluid Types:

Water based fluids compatible with Brass, PTFE and NBR rubber

### Environmental Ratings:

**Temperature** - operating: -40°C to +130°C  
- storage: -50°C to +140°C

**Sealing:** IP67 from the front

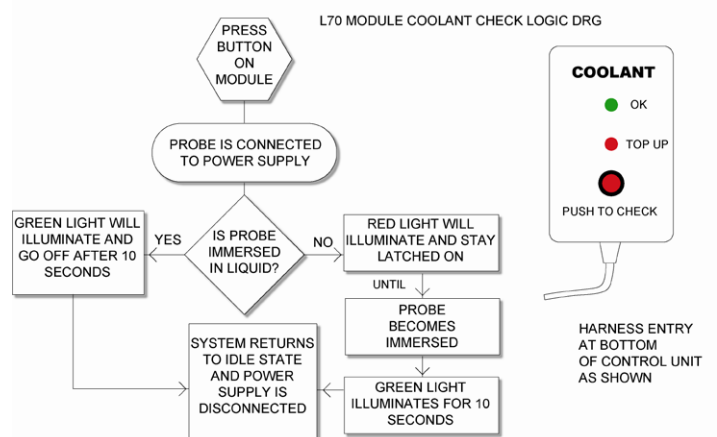
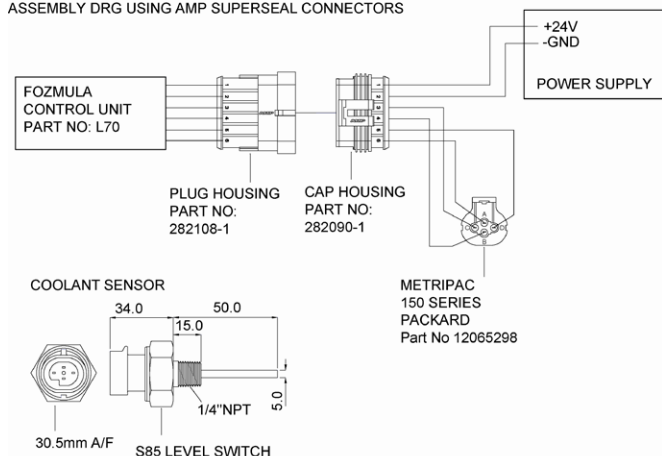
### Electrical:

**Supply voltage:** 7 - 35 VDC  
**Supply current:** 1.5Ma + source output  
**Max load current:** 1.0 A (sink) or 20mA (source)  
**LED:** Hyperbright red and green  
**Switch:** Hyperbright red

### Maximum ratings:

**Pressure:** 5 psi

DESCRIPTION: L70 MODULE COOLANT CHECK WIRING ASSEMBLY DRG USING AMP SUPERSEAL CONNECTORS



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