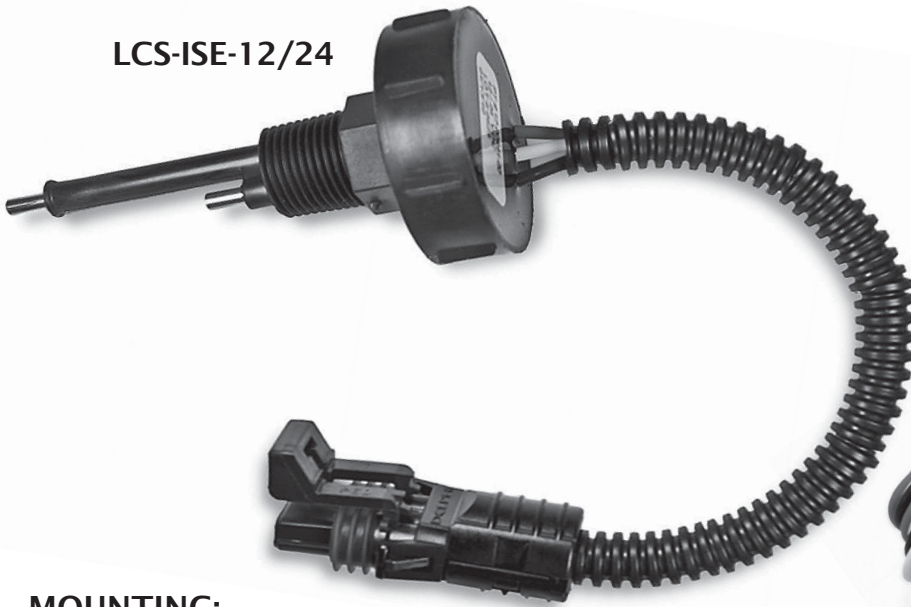


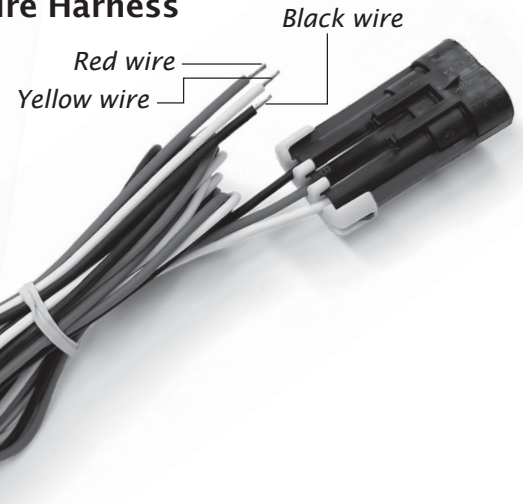


Low Coolant Sensor (with wire harness)

LCS-ISE-12/24



Low Coolant Sensor
3-Wire Harness



MOUNTING:

The sensor can be mounted in surge tanks as well as heat exchangers and radiators, utilizing a high temperature PPS or Polyphenoline sulfide thermoplastic with a 3/8-inch pipe thread. Surface mount technology and circuit filtering have made the sensor compatible with current vehicle demands for performance guided by SAE standards. The sensor operates on both 12 and 24 VDC electrical systems.

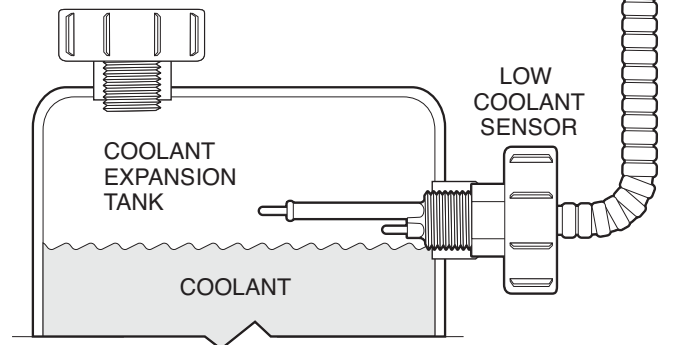
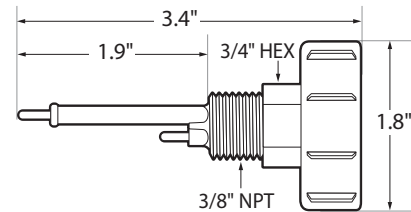
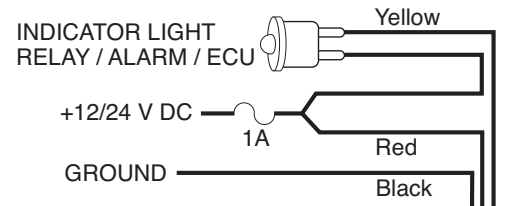
INSTALLATION:

1. Connect Wire Harness to Sensor Harness
2. YELLOW WIRE from the Harness connects to terminal end on Indicator.
3. BLACK WIRE from Harness connects to negative terminal on battery (Ground).
4. RED WIRE from Sensor connects to switched ignition source through customer provided 1 amp fuse.
5. RED WIRE from 1 amp fuse connects to other terminal end on Indicator.
6. Hand tighten Sensor to expansion tank.

The output will go low at power on for a few seconds for lamp and circuit test. The sensor continues a square wave pulse profile, sampling for low coolant constantly in fractions of a second.

When coolant is lost between the long probe and the short probe (short probe is ground) there will be a time delay.

The time delay is to prevent false alarms from sloshing. The sensor will then ground the yellow wire and complete circuit, up to 1 amp of current.



Low Coolant Sensor: ES08182023