

Model DSM

Fuel Fill Station Monitor for Diesel Fire Pump Applications

Standard Features

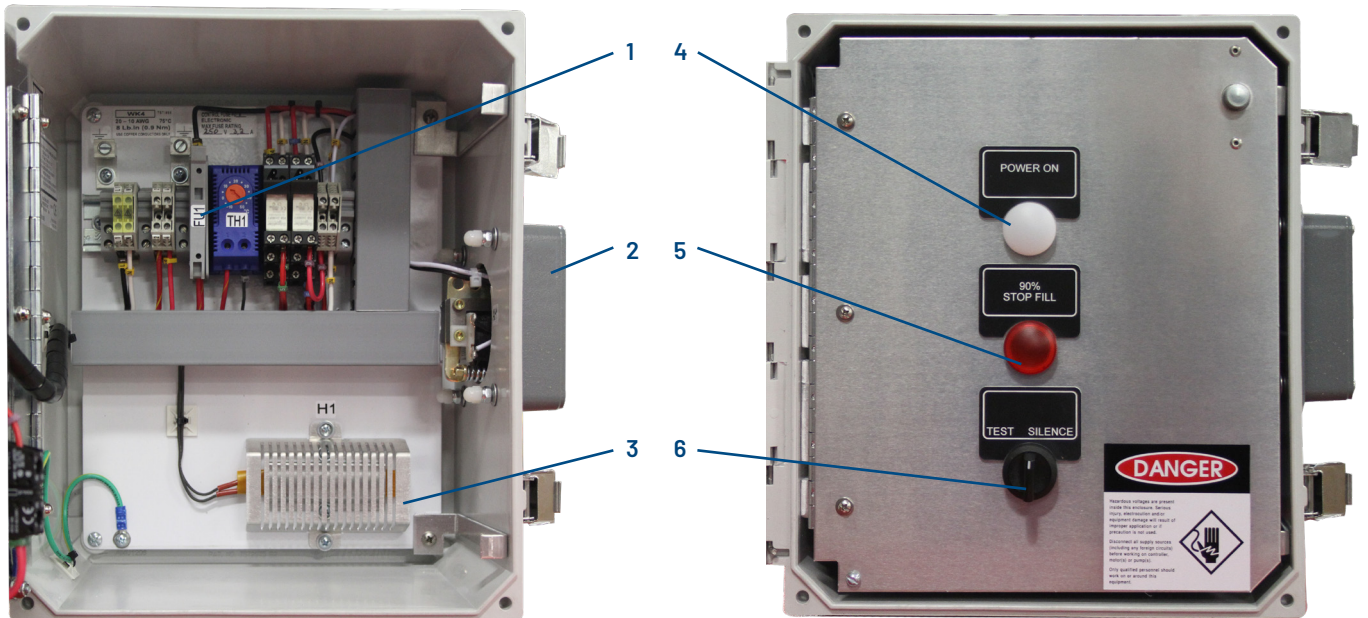
- NEMA 4X vandal-proof enclosure
- Supervisory power 120V/1ph
- Visual indicators and operators (inner panel)
 - Supervisory Power ON
 - Stop Fill
 - Silence - Test
- Audible alarm (100dBa at 10ft)
- Anti-condensation heater and thermostat
- Provision to connect stop fill fuel level float switch

The Model DSM fuel fill station monitor for diesel fire pump applications serves as a "Stop Fill" visual and audible annunciator. With its NEMA 4X enclosure and standard supplied anti-condensation heater and thermostat, the DSM is built to be installed outdoors near the diesel fuel fill pipe. The dead front enclosure makes it vandal-proof so the DSM does not need to be mounted high off the ground to avoid being vandalized.



1. Thermostat
2. Alarm horn
3. Space heater

4. Power on
5. 90% stop fill
6. Test / silence



Sequence of Operation

- Confirm "Supervisory Power On" white pilot light is illuminated.
- Test audible alarm by toggling the selector switch to "Test". Audible alarm will sound. If audible alarm does not sound in "Test", NO FILLING should occur.
- Confirm "Stop Fill" pilot light **IS NOT ILLUMINATED**. If "Stop Fill" red pilot light is illuminated NO FILLING should occur as tank is already at a High Level or level float switch is faulty.
- When "Stop Fill" level is reached, audible and visual alarm activates. Toggle selector switch to "Silence".
- Fill procedure is complete.

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