

PREFERRED GENSET FUEL CONTROLLER

This fuel tank controller incorporates Preferred's decades of fuel handling experience into one easy-to-use controller designed specifically for generator base tanks.

- Overfill prevention, leak detection, and tank gauging are included.
- Common belly tank accessories are chosen by pull down menus.
- Hand-Off-Auto switches are provided for all local pumps.
- Meets NFPA 30 and all local requirements for direct-fill applications including local audio and visual alarm.
- Interfaces to remote supply pumps by contact closure or Preferred Nodenet digital communication for remote-fill applications.
- Preferred provides nationwide factory support for installers, start-up technicians, and commissioning agents.

The Preferred Fill Controller is housed in a rugged NEMA 4 enclosure suitable for mounting outdoors. Enclosure dimensions 20" H x 20" W x 10" D. The 4" color touchscreen provides Ethernet and BacNet IP communications to a building automation system.

Genset Tank Accessories Supported:

- One, two (or zero) tank-mounted supply pumps
- One (or zero) tank-mounted return pumps
- Base tank fill solenoid
- Up to six base tank float switches
- Base tank interstitial leak detector
- Base tank continuous level sensor
- Base tank fuel temperature
- Ambient air temperature sensor

Dry Contacts for Remote Operations Include:

- Remote call for fuel (for remote supply pumps)
- Common Alarm



**PREFERRED'S GENSET FUEL CONTROLLER
WORKS WITH DIRECT-FILL OR REMOTE-FILL
APPLICATIONS**

PREFERRED GENSET FUEL CONTROLLER

STANDARD CONTROLLER INPUTS AND OUTPUTS

Available Digital Inputs:

- Interstitial Leak detected
- Critical high fuel level
- High fuel level
- Remote fill stop
- Remote fill start
- Low fuel level
- Critical low fuel level

Available Relay Outputs (120 VAC):

- Normally open fill solenoid
- Alarm horn
- Alarm strobe light



Preferred Utilities has provided fuel system equipment and service continuously since 1920. Our application engineers will provide wiring schematics and instructions to apply this controller to any OEM genset. Preferred's nationwide team of engineers, programmers, and field technicians is available to support this equipment for years to come.

**PREFERRED UTILITIES
OFFERS COMPLETE
FUELING SYSTEMS
FOR EMERGENCY
DIESEL GENERATORS
AND DUAL FUEL
BOILERS INCLUDING:**

PUMP SETS

FUEL POLISHERS

DAY TANKS

TANK GAUGES

FUEL SYSTEM VALVES AND INSTRUMENTATION

AND MORE...



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PREFERRED
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"People. Products. Results."