

Model HFD

Diesel Engine Fire Pump Controllers Built to EN17451

Standard Features

- ViZiTouch 2.1 operator interface
- IP55 enclosure
- Electrical
 - AC: 208V to 240V/1ph/50-60hz
 - DC: 12VDC or 24VDC
 - Grounding system: Negative
 - Battery chargers: Two independent fully automatic
- Battery voltage and amperage display
- Start and Stop pushbuttons
- Silence / lamp test pushbutton
- Test start pushbutton
- Provision to connect 2 pressure switches
(Pressure switches installed and supplied by others)
- Crank cycle
- Digital engine gauges
 - RPM (internal speed switch)
 - Engine temperature
 - Oil pressure
 - Fuel level (optional)
- Gland plate
- Audible alarm
- Alarm contacts for remote indication
- Additional requirements for EN17451
 - Fuel valve closed indication
 - Engine ECM in alternate position
 - Engine ECM Warning
 - Engine ECM Fault
 - Fuel injection malfunction
 - PLD low suction pressure
 - High raw water temperature
 - Low raw water flow
 - Engine overspeed
 - Engine low oil pressure
 - High engine pressure
 - Pump on demand visual indication and alarm contact
 - Removal of emergency start pushbutton



1. ViZiTouch 2.1 operator interface
2. Operating instructions
3. Mounting lugs
4. AC isolator



ViZiTouch 2.1 Operator Interface



ViZiTouch 2.1 OPERATOR INTERFACE

- Embedded microcomputer with software PLC logic
- 7.0" color touch screen (HMI technology)
- Upgradable software
- Multi-language

DIGITAL ENGINE GAUGES

- For engines supplied without a gauge panel
- Complete with:
 - Tachometer (RPM)
 - Integrated speed switch
 - Field calibrated
 - Field adjustable low (run) and high (overspeed) settings
 - Test and reset button
 - Coolant Temperature (selectable °F or °C)
 - Oil Pressure (selectable PSI, kPA or bar)

OPTION I02

- Fuel level indicator (%)

EUROPE

Tornatech Europe SA
 Mont-Saint-Guibert, Belgium
 Tel: + 32 (0)10 84 40 01