



# FieldServer Driver - Serial FS-8700-45 Grinnell TFX Minerva

**Driver Code:** TFX  
**Version:** 1.0a

**Devices Supported:** TFX 500/800 Fire Alarm Panels  
**Physical Interface:** EIA-232

**Customer's equipment required:**  
TLT-530 installed in a TFX 500/800 panels.

**Comments:**  
The FieldServer plugs into a TLT-530 board installed in a TFX 500/800 fire alarm panel.  
The FieldServer appears as a node on the Grinnell Network.

**Data Types Supported:**

Alarm State	Alarm State	Alarm State
Fire Alert	Output Stuck	System Powered Up
Fire Alarm	Fault - Board	Operator Log On
Fire Evac	Fault - Cp Wiring S/C	Operator Log Off
Call Point Alert	Fault - Cp Wiring O/C	Manager Log On
Call Point Evac	Fault - Dm Wiring	Manager Log Off
Full Evacuate	Fault - Psu Wiring O/C	Engineer Log On
Input Active	Fault - Psu Wiring S/C	Engineer Log Off
Loop Failure	Fault - Wiring Fault 1	Clock Cleared
Probation Finished	Fault - Wiring Fault 2	Clock Set
Intruder Alarm	Fault - Lbus	System Silence
Intruder raid	Fault - Rbus	Input On
Intruder 24 Hour	Net Comms Fault	Input Off
Set Timeout	Fault - Rnet	Point Unset
Ground Fault	Fault - Alxm Psu	General Fault Log
Waterflow Alarm	Fault - Battery	Entry Alarm
Fire Drill	Fault - Charger	Intruder Fault
Supervisory Fault	Fault - Aux Charger	Group Active
Enable Sig.Delay	Fault - Mains	Mnau Fault Event
Disable Sig.Delay	Battery Critical	Non-Logging Clear
Medical Alert	Fault - Sounder	Non-Logging Fault
Isolate Warning	Fault - Sounder Line O/C	Saturn Group Isolated
Coincidence Warning	Fault - Sounder Line S/C	Saturn Group Connected
Delay Started	Fault - Sounder Eol	Input Active Alarm
Shunt Special	O/P Control Failure	Input Active (not logged)
Fire Prealarm	Xbus Failure	Group Enable
Alarm Warning	Display Fault	Group Disable
System Isolate	General Fault	Group Deactivate
System De-Isolate	Relay Coil Fault	Group Reset
Part Set	Wiring Short Circuit	Auxiliary Alarm



Alarm State	Alarm State	Alarm State
Tamper	Wiring Open Circuit Fault	Not Set Warning
Tamper O/C	Configuration Fault	Not Set Alarm
Tamper S/C	Addr Loop Noise Warning	Group Purge Delays
Tamper Lo Id	Zone Isolated	24v Too Hi Fault
Tamper Hi Id	Point Isolated	Activation Counter
Tamper No Response	Signalling Isolated	Event Resound
Password; Too Many Tries	Zone Deisolated	Reset Button
Alarm Verifying	Point Deisolated	No Panel Response
Zonal Unset	Signalling Deisolated	Response From UNP
Zonal Set	Data Error 1	Net Module Fault
Premises Unoccupied	Data Error 2	Net Common Fault
Premises Occupied	Data Error 3	Net Port Left Fault
Weekly Test Reminder	Data Error 4	Net Ground Fault
Fire Test Alarm	Data Error 5	Net Data Transfer Fault
Auto Test Alarm	Intruder Shunt Activated	Net Ring Fault
Probation Alarm	Intruder Shunt Off	Net No Panel Supervision
Walk Test Started	Ram Fault	Net Port Right Fault
Test Finished	Checksum Failure	Alarm Clear
Point Tested	Clear	Supervisory Cleared
Noisy Sensor	Clear From Fault	Non Logging Trouble
Fault - No Response	Point Tested 2	Detector Con Low Warning
Fault - Unconf'd Device	Clear Attention Req'd.	Detector Con High Warning
Fault - Hi Id	Vesda Airflow Fault	User Event #1
Fault - Lo Id	Ram Overflow	User Event #2
Fault - Device	Fault Overflow	User Event #3
Fault - Invalid Cond.	Earth Fault	User Event #4
Fault - Lo L.T.A. Cond.	Config. Finished	User Event #5
Fault - Hi L.T.A. Cond.	Config. Failed	User Event #6
Fault - O/C	Printer Offline	User Event #7
Fault - S/C	Printer Online	User Event #8
Fault - A/D Comp.1	Fire Door Closed	User Event #9
Fault - A/D Comp.2	Fire Door Open	User Event #10
Fault - A/D Comp.3	Fire Door Failed	User Event #11
	Set	User Event #12
	Unset	
	Reset	