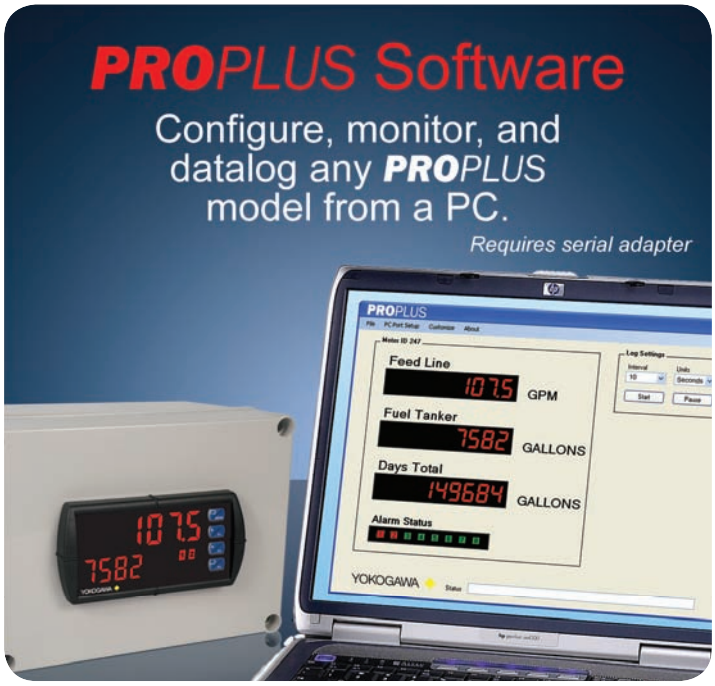
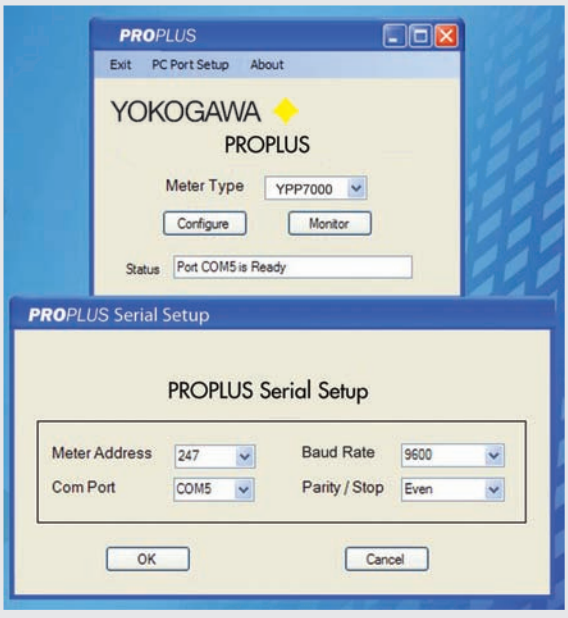
# *PROPLUS* SOFTWARE



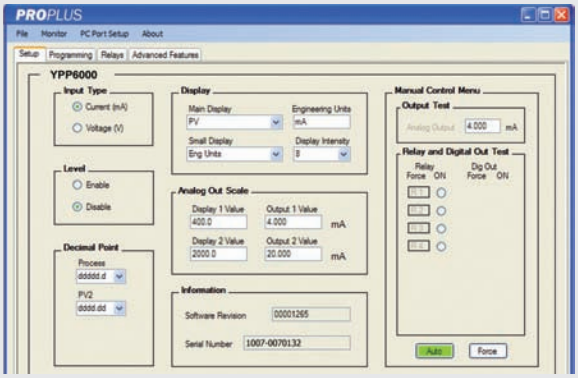

## *PROPLUS* SOFTWARE

Configure, monitor, or datalog any ***PRO****PLUS* series meter using the PC-based ***PRO****PLUS* software. ***PRO****PLUS* software is available as a free download at www.yokogawa-usa.com (serial communications adapter required). This software makes complete meter configuration simple and fast. Copying one meter configuration to another, as well as saving or retrieving a meter configuration file is a snap. ***PRO****PLUS* software linearization utility makes even a 32-point linearization task clear and easy to do. We also included a basic meter monitor and datalogger for use with a ***PRO****PLUS* meter. Of course, with ***PRO****PLUS's* powerful Modbus protocol, custom programs can be made even more versatile.

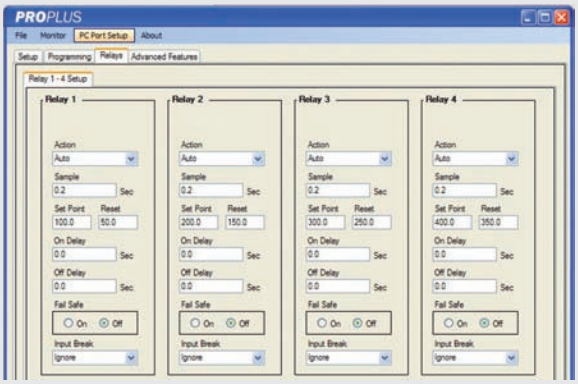
Communications Setup



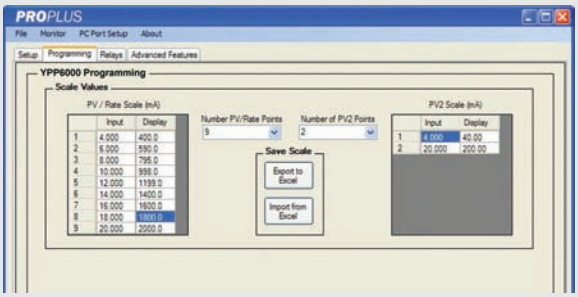

Setup



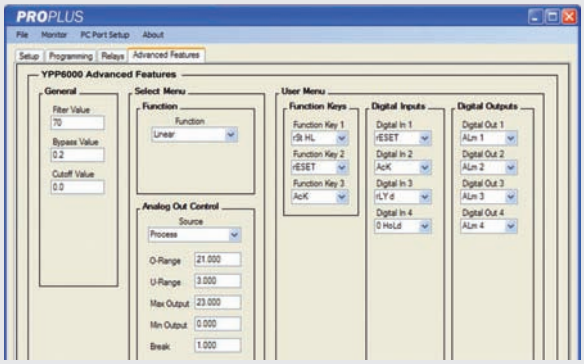

Relays




Linearization Utility




Advanced Features

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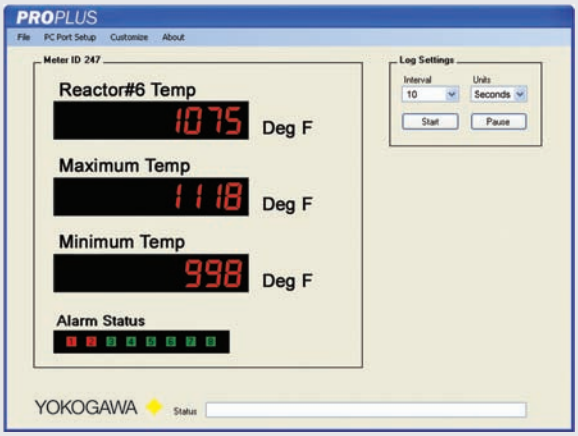
# *PRO*PLUS SOFTWARE

## Monitor & Datalog




## Datalog Report

Name: C:\Program Files\ PROPLUS \Furnace 3.csv Created 8/10/2010 3:22:37 PM

Meter ID: 247 Serial Port: COM5 Logging Rate: 1 update every 5 Seconds

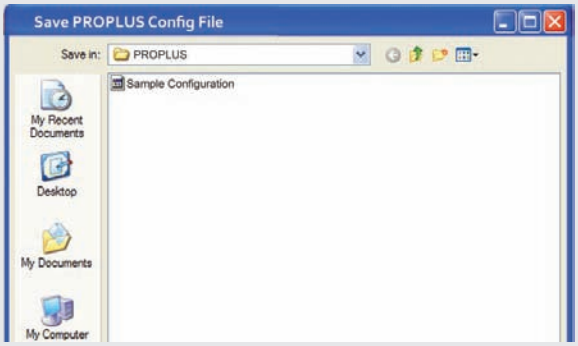
| Date & Time | Tag1 | Display | Units | Tag2 | Display | Units | Tag3 | Display | Units | R1 | R2 | R3 | R4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/10/2010 3:22 | Furn 3 | 235 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:22 | Furn 3 | 236 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:22 | Furn 3 | 238 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:22 | Furn 3 | 239 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:22 | Furn 3 | 239 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 240 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 241 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 242 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 241 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 241 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 240 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 240 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 239 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 239 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 238 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 238 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:23 | Furn 3 | 237 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:24 | Furn 3 | 237 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | Off | On | Off | Off |
| 8/10/2010 3:24 | Furn 3 | 238 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:24 | Furn 3 | 238 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |
| 8/10/2010 3:24 | Furn 3 | 239 | Deg F | MAX | 247 | Deg F | MIN | 207 | Deg F | On | On | Off | Off |

## Meter Configuration Report

Meter Configuration
YPP7000 Date: 08/10/2010

| | |
|---|---|
| Meter Input: | Temperature - RTD Type 100 Ohm (385) input in Deg F |
| Temperature : | 0 decimal places |
| Display Intensity: | 8 |
| Main Display: | PV |
| Small Display: | Eng Units - Furn 3 |
| Filter Value: | 70 |
| Bypass Value: | 0.2 |
| Analog Out Source: | Process |
| Analog Out Over Range: | 21.000 mA |
| Analog Out Under Range: | 3.000 mA |
| Analog Out Break: | 1.000 mA |
| Analog Out Maximum: | 23.000 mA |
| Analog Out Minimum: | 0.000 mA |
| Analog Out Scale Display 1: | 0.0 Deg F |
| Analog Out Scale Display 2: | 1000.0 Deg F |
| Analog Out Scale Output 1: | 4.000 mA |
| Analog Out Scale Output 2: | 20.000 mA |
| Manual Test: | Auto |
| Relays: | R1=Off, R2=Off, R3=Off, R4=Off |
| Digital Output : | |
| Manual Analog Output: | 4.000 mA |
| Temperature Adjust: | 0.0 |
| RTD Total: | 1 |
| Relay 1 Mode: | Action= Sample<br>Fail Safe= Off, Break Input= Ignore |
| Relay 1 Set Point: | 11 Deg F |
| Relay 1 Reset Point: | 0 Deg F |
| Relay 1 On Delay: | 0.0Sec |
| Relay 1 Off Delay: | 0.0Sec |
| Relay 1 Sample: | 1.2 |
| Relay 2 Mode: | Action= Auto<br>Fail Safe= Off, Break Input= Ignore |
| Relay 2 Set Point: | 200 Deg F |

## Save / Open Configuration




# SPECIFICATIONS

**System Requirements:** Windows® 2000/XP/Vista/7*
**Communications:** USB, RS-232 Adapter or RS-485 Adapter
**Meter Address:** 1 - 247
**Reports:**
- Data logging: Save as CSV file format
- Configuration: Save as PDC file format or print configuration

**Baud Rate:** 300 - 19,200 bps
**Configuration:** One meter at a time
**Protocol:** Modbus RTU (requires ***PRO****PLUS* firmware version 2.0 or higher)

**Note: Windows® 32-bit and 64-bit operating systems only*

# ORDERING INFORMATION

| Free ***PRO****PLUS* Software |
|---|
| Free software download at www.yokogawa-usa.com |

| Accessories | |
|---|---|
| **Model** | **Description** |
| YPPA1232 | RS-232 Serial Adapter |
| YPPA1485 | RS-485 Serial Adapter |
| YPPA8008 | USB-Serial Adapter |
| YPPA7485-I | RS-232 to RS-422/485 Isolated Converter |
| YPPA7485-N | RS-232 to RS-422/485 Non-Isolated Converter |
| YPPA8232-N | USB to RS-232 Non-Isolated Converter |
| YPPA8485-I | USB to RS-422/485 Isolated Converter |
| YPPA8485-N | USB to RS-422/485 Non-Isolated Converter |

## Your Local Distributor is:

### Disclaimer

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