

Nexus® Combustion Efficiency Systems Burner Controls



NXF4000 and PPC4000

Designed for combustion efficiency applications
optimized for performance and affordability



NEXUS®

NXF4000

Advanced Burner
Management
System with Parallel
Positioning and
Integrated Flame
Safeguard



NEXUS®

PPC4000

Air/Fuel Ratio
Control

*Requires flame
safeguard
system such as
BurnerLogix®
or Flame Monitor®*

Features

- Eliminates external flame safeguard
- Increases efficiency
- Reduces fuel consumption
- Reduces emissions and greenhouse gases
- Reduces downtime and maintenance

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Technical Specifications

	NXF4000	PPC4000
Supply Voltage	120/230 VAC, 50/60Hz	120/230 VAC, 50/60Hz
Power Consumption	Approx. 15 VA (with display attached & no accessories)	Approx. 15 VA (with keypad display attached & no accessories)
Ambient Temperature Range	32° to 140°F (0° to 60°C)	32° to 140°F (0° to 60°C)
Typical Loads	Display: 6 VA Oxygen Probe: 12 VA FX04: 5 VA FX20: 15 VA FX50: 20 VA	Display: 6 VA Oxygen Probe: 12 VA FX04: 5 VA FX20: 15 VA FX50: 20 VA
Branch Circuit	2000 VA	2000 VA
Control Unit Dimensions	5.0" (127mm) wide x 8.0" (203mm) high x 4.0" (102mm) deep	5.0" (127mm) wide x 8.0" (203mm) high x 4.0" (102mm) deep
Weight	2.25 lbs (1.02kg)	2.25 lbs (1.02kg)

Nexus® Combustion Efficiency Systems

Burner Controls



BURNER CONTROL SYSTEM

An electronic parallel positioning and O2 trim combustion control system, the NXF4000 & PPC4000 models offer integrated burner management.

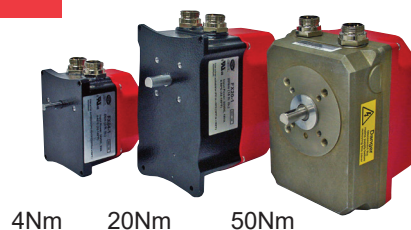
NEXUS EFFICIENCY CONTROLLER

NXF4000
PPC4000



SERVO MOTORS

FX Series



4Nm 20Nm 50Nm

DISPLAYS

NXD410TS



NXTSD512HD

NXTSD507HD

OXYGEN MEASUREMENT

NXCESO2



SENSORS



BLPS



FXIATS



TS350/752

SCANNERS



UV1AL



UV90L



48PT2



85UVF/IRF



95DSS3

For more information, please [contact](#) your local Fireye Distributor.

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