

TEMPERATURE SENSORS



TS350-2:	32°F to 350°F (0°C to 176°C)	2" length
TS350-4:	32°F to 350°F (0°C to 176°C)	4" length
TS350-8:	32°F to 350°F (0°C to 176°C)	8" length
TS752-2:	32°F to 752°F (0°C to 400°C)	2" length
TS752-4:	32°F to 752°F (0°C to 400°C)	4" length
TS752-8:	32°F to 752°F (0°C to 400°C)	8" length

Temperature Sensors, 4-20mA output, linear with temperature .
Insertion length varies from 2 - 8 inches (see table above).
Stainless steel thermowell included with 1/2" - 14 NPT mounting.

PRESSURE SENSORS

BLPS-15:	0-15 psi (0-1030 mb)
BLPS-25:	-14.7-25 psi (-1013 to 1720 mb)
BLPS-30:	0-30 psi (0-2070 mb)
BLPS-200:	0-200 psi (0-13.8 bar)
BLPS-300:	0-300 psi (0-20.7 bar)

Pressure Transducers, 4-20mA output, linear with pressure.
1/4" NPT mounting. Screw terminal connections and conduit
adapter cover.



NXF4000/PPC4000 Sensors

FLAME SCANNERS

UV1AL-3, -6: UV 1/2" NPT straight, non-continuous operation

UV90L-1: 90° UV scanner, non-continuous operation

48PT2: infrared 1/2" NPT straight/90°, continuous or non-continuous operation

85UVF/IRF: Phoenix integrated flame scanner utilizing a solid state flame sensor

95DSS3: InSight II integrated flame scanner with UV & IR sensors



95DSS3



85IRF-1



UV90L



48PT2



UV1AL

ORDERING INFORMATION

	Control
NXF4000	Integrated Burner Management controller w/ parallel positioning, 120 VAC input. Requires plug-in FSG daughtercard
NXF4000-230V	Integrated Burner Management controller w/ parallel positioning, 230 VAC input. Requires plug-in FSG daughtercard
PPC4000	Parallel positioning system, 120 VAC input. Used with external flame safeguard control
PPC-4000-230V	Parallel positioning system, 230 VAC input. Used with external flame safeguard control
	Display
NXD410	User Interface with keypad, 24 VDC operation, 4 line back lit LCD display, panel mount only, includes mounting brackets.
59-562-2	Cable assembly, 10 feet length, for interfacing NXD410 to Control
NXTSD407	7" (diagonal) color touchscreen display
NXTSD413	13" (diagonal) color touchscreen display
129-126-2	Replacement cable kit (power & comms) for NXTSDxxx Touchscreens
	Servos
FX04, -1	Servo motor, 24 VDC operation, 4Nm, 3 lb.-ft. torque, without connectors, accepts 1/2 inch NPT fitting, minimum travel time of 30 seconds for 90° (-1 with quick disconnect connectors)
FX20, -1	Servo motor, 24 VDC operation, 20Nm, 15 lb.-ft. torque, without connectors, accepts 1/2 inch NPT fitting, minimum travel time of 30 seconds for 90° (-1 with quick disconnect connectors)
FX50, -1	5 wire Modbus Servo-motor, 37 ft lbs., 50 Nm, 24 VDC, with terminal block wiring connections. (-1 with quick disconnect connectors)
	Servo Cables / Accessories
59-565-6	Cordset, 6 feet, 1/2" NPT connectors on both ends, PVC jacket, temperature rating -40°C to 105°C, meets NEMA 1,3,4,6P and IEC67
59-565-40	Cordset, 40 feet, 1/2" NPT connectors on both ends, PVC jacket, temperature rating -40°C to 105°C, meets NEMA 1,3,4,6P and IEC67
	Connector Kit
129-192	Connector, field wireable. Used for FX04-1, FX20-1, FX50-1 servos with connectors. Use cable 59-561
129-194	Servo (male) connector kit for FX04, FX20, FX50
59-565	Cable, 1 twisted pair, 2 power wires, suitable for servo hookup
	O2 Probe
NXCES02-8	O2 probe assembly, 8" insertion (kit version available)
NXCES02-16	O2 probe assembly, 16" insertion (kit version available)
NXCES02-30	O2 probe assembly, 30" insertion (kit version available)
NXCES02P42	Cartridge, probe replacement
35-381-2	Flange, O2 probe mounting
129-189	Cover, mounting flange
129-190	Fan replacement kit for NXCES02 probe
	Pressure Transducers
BLPS-15, -25, -30	Pressure transducer, 0 to 15 psi (0 to 1030 mb), -14.7 to 25 psi (-1013 to 1720 mb), 0 to 30 psi (0 to 2070 mb), 4-20 mA output linear with pressure. 1/4" NPTF mounting. Screw terminal connections and conduit adapter cover.
BLPS-200, 300	Pressure transducer, 0 to 200psi (0 to 13.8 Bar), 0 to 300 psi (0 to 20.7 Bar), 4-20 mA output linear with pressure. 1/4" NPTF mounting. Screw terminal connections and conduit adapter cover.
	Temperature Transducers
TS350-2, -4, -8	Temperature sensor, Range 32°F to 350°F (0°C to 176°C), 4-20 mA output, linear with temperature. Insertion length is 2, 4, 8 inches. Stainless steel thermowell included.
TS752-2, -4, -8	Temperature sensor, Range 32°F to 752°F (0°C to 400°C), 4-20 mA output, linear with temperature. Insertion length is 2, 4, 8 inches. Stainless steel thermowell included.
FXIATS-140	Ambient temperature transmitter, -40°F to 140°F (-40°C to 60°C), 4-20mA output, 7 to 40VDC, NEMA enclosure
	Plug-in Daughtercards
NXCESVFD	VFD plug-in card for PPC4000 / NXF4000
NXCESUV	UV plug-in card for NXF4000
NXCESIR	IR plug-in card for NXF4000
NXCESDC	Direct-couple plug-in card for NXF4000
	Brackets / Couplings
	Contact factory or your local distributor