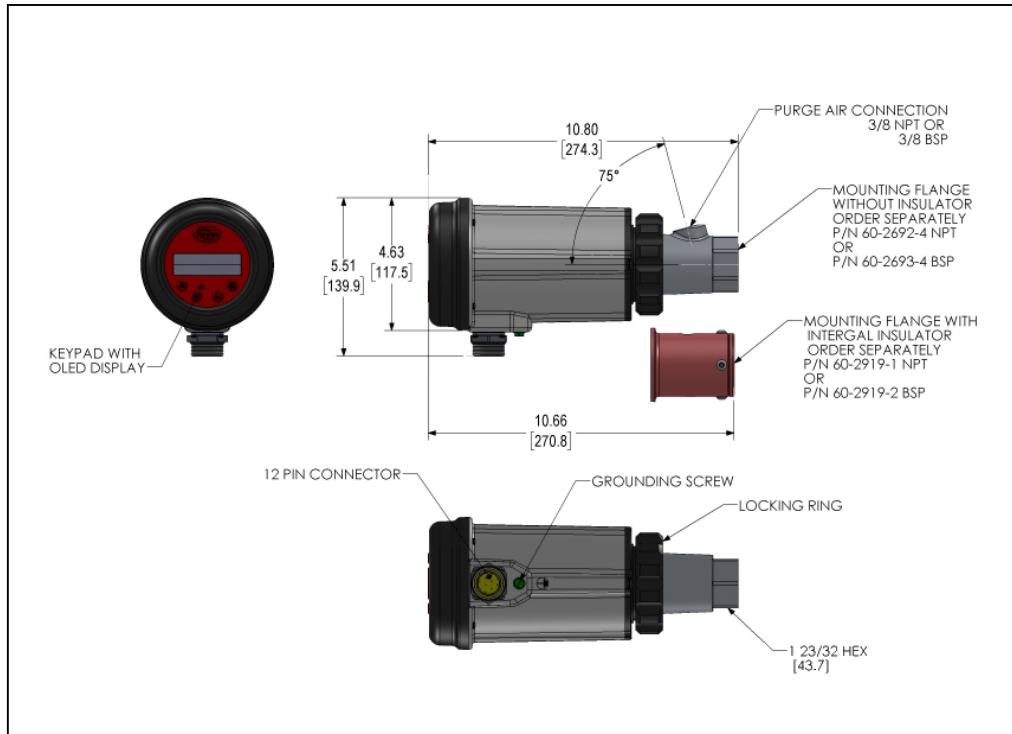


INSIGHT TYPE 95 SERIES 4 SCANNER DIMENSIONS



INSIGHT II SCANNER SPECIFICATIONS

MECHANICAL:

Housing Material:	Cast aluminum with gray polyester powder coat finish
Housing Weight:	5.9 lbs (2.69kg), 13.2 lbs (5.98kg) "CEX" models, flange additional
Environmental:	NEMA 4X, IP66
Area Classification:	95XXS4-1WINC, 95XXS4E-1WINC, 95XXS4-1: Class I Div 2, Groups A, B, C, D, Class II Div 2, Groups F & G 95XXS4-1CEX: Ex d IIC T6
Mounting:	Requires one of two threaded mounting flanges, ordered separately (see below)
Mounting Flanges:	Contains an integral heat-insulating female thread insert (heat insulating nipple not required).
Flange Threads:	P/N 60-2919-1 1"NPT female pipe mount with 3/8" NPT female cooling air connection. P/N 60-2919-2 1"BSP female pipe mount with 3/8" BSP female cooling air connection.
Mounting Flange Weight:	0.62 lbs (0.28kg)
Cooling / Purge Air Requirements:	Source: Clean, dry cool Volume: 4 SCFM (113 l/min) at 3/8" threaded mounting flange, or 1 inch "Y" fitting, mounted on scanner sight pipe. Temperature near the upper limit of the scanner operating range and/or use with dirty/dusty fuels may require up to 15 SCFM (425 l/min).
Temperature Rating:	-40° to +150°F (-40°C to +65°C)
Humidity:	0% to 95% relative humidity, non-condensing

ELECTRICAL:

Input Power:	24 Vdc, +10%, -15% supply current .025 A, 6.0 VA
Electrical Connection:	12-pin screw type quick-disconnect (non-CEX). "CEX" models have internal terminal blocks
Relay Output:	FLAME RELAY, SPST (N.O.) FAULT RELAY, SPST (N.C.)
Contact Rating:	Minimum: 10mA @ 5 Vdc (All models) Maximum: 2A @ 30 Vdc, 2A @ 50V Vdc (Series 4E-1WINC models only) Maximum 2A @ 30 Vdc; 2A @ 230 VAC (All other models)
Analog Output:	Two, 4-20 mA dc current, referenced to 24 Vdc common, maximum connected load: 750 ohms
Operator Interface:	Alpha -Numeric Display with five pushbutton keys.
Cable Specification:	P/N 59-547 (12-conductor): 12 conductor (color coded), 18- AWG, with foil wrap and overall braided shield and drain wire. PLTC-ER rating. Maximum cable length 1000 feet (305 meters) Cable Jacket: PVC / black (flame-retardant, low smoke, zero halogen) Temperature Rating: -40 F to +221 F (-40 C to +105 C) P/N 59-547 Nominal O.D. 0.52" (13.2 mm), maximum O.D. 0.56" (14.2mm) Maximum cable length 1000 feet (305 meters)



Thinking Beyond the Traditional...

3 Manchester Road
Derry, NH 03038 USA
tel: 603-432-4100 • fax: 603-432-1570
www.fireeye.com