

по вопросам продаж и поддержки обращайтесь:

+7(843)206-01-48 (факс доб.0)

fbo@nt-rt.ru

www.foxboro.nt-rt.ru

## Gauge Selection Guide



Model	IGP10	IGP20	IGP25	IGP50	IGP60
<b>Digital Output</b>	FoxCom, HART; FF.	FoxCom, HART; FF.	FoxCom, HART; FF.	FoxCom, HART; FF.	HART
<b>4-20 mA Output</b>	FoxCom, HART	FoxCom, HART	FoxCom, HART	FoxCom, HART	HART
<b>Analog Output</b>	4-20 mA and 1 to 5 Vdc		-		4-20 mA
<b>Remote Communication</b>	FoxCom: I/A Series Workstation; PC-Based Configurator HART: HART Communicator; PC-Based Configurator FF: Fieldbus Host; PC-Based Configurator with a Foundation Fieldbus PWA.				-
<b>Local Communication</b>	Optional: LCD Indicator w/ Pushbuttons with FoxCom/HART/FF Transmitters Standard: LCD Indicator w/Pushbuttons with 4 to 20 mA/1 to 5 V dc Transmitters				Optional: LCD Indicator
<b>Modular Design</b>	Allows easy Migration between FoxCom, HART, FF, 4-20 mA dc, and 1 to 5 Vdc. Interchangeable Parts simplifies Spare Parts Inventories				-
<b>Accuracy - Under Reference Operating Conditions in % of Calibrated Span</b>	FoxCom: +/- 0.075% HART: +/- 0.060%; FF: +/- 0.050% 4-20 mA Analog: +/- 0.20% 1 to 5 Vdc Analog: +/- 0.10%		FoxCom, HART, and FF: +/- 0.05%	FoxCom, HART, and FF: +/- 0.025%	HART ± 0.04%
<b>Stability - Long Term Drift</b>	Less than +/- 0.05% of URL per Year over a 5-Year Period		Less than +/- 0.02% of URL Per Year over a 5-Year Period		± 0.1% of URL per 10-year period.
<b>Measurement Type</b>	Silicone Strain Gauge Sensors - Successfully Field-Proven				
<b>Sensor Material</b>	316L ss, Hastelloy C.	316L ss, Hastelloy C, Co-Ni-Cr, Monel, Tantalum, and 316 ss (Gold Plated)	316L ss	316L ss	316LSST, Hastelloy C
<b>Sensor Fill Fluid</b>	Silicone, Fluorinert	Silicone, Fluorinert	Silicone, Fluorinert	Silicone	Silicone, Fluorinert
<b>Upper Range Limit - Maximum (b)</b>	42 Mpa (6000 psi)	35 Mpa (5000 psi)	14 Mpa (2000 psi)	14 Mpa (2000 psi)	500 psig
<b>Rangeability</b>	30:1	30:1 to 60:1	400:1	80:1	200 to 1
<b>Ambient Temperature</b>	-29 to +82°C (-20 to +180°F) - Normal Operating Conditions <b>IPG60 Only:</b> -40 to 110°C (-40 to 230°F) - Normal Operating				
<b>Process Temperature</b>	-29 to +82°C (-20 to +180°F) - Normal Operating Conditions -46 and +121°C (-50 and +250°F) - Operative Limits with Silicone Fill -29 and +121°C (-20 and +250°F) - Operative Limits with Fluorinert Fill <b>IPG60 Only:</b> -40 to 110°C (-40 to 230°F) - Normal Operating Conditions with Silicone Fill <b>IPG60 Only:</b> -20 to 75°C (-4 to 167°F) - Normal Operating Conditions with Fluorine Fill <b>IPG60 Only:</b> -50 and 115°C (-58 and 239°F)- Operative Limits with Silicone Fill <b>IPG60 Only:</b> -40 and 80°C (-40 and 176°F) - Operative Limits with Fluorine Fill				

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<b>Supply Voltage</b>	FoxCom Digital: Power Supplied through I/A Series System FF: 9 to 32 Vdc by a specific Foundation Fieldbus Power Source HART and FoxCom 4-20 mA: 11.5 to 42 Vdc; a Minimum Output Load of 250 Ω is required 4-20 mA Analog Output: 11.5 to 42 Vdc 1 to 5 Vdc Analog Output: 9 to 15.5 Vdc				17.9 to 42V dc. Minimum Output Load of 250 Ω is required
<b>Product Safety</b>	ATEX, CSA, FM, IECEx, and PED				FM, CSA and ATEX IS and Explosionproof
<b>Electronics Enclosure</b>	IEC IP66 and NEMA 4X				
<b>European Union Directives</b>	CE Marked, EMC Directive 89/336/EEC; IEC Standards EN 50081-1, EN 50082-2, and IEC 61000-4-2 to 61000-4-6; and NAMUR NE 21 and NAMUR 105, as applicable				Complies with 89/336/EEC, 92/31/EEC, 93/68/EEC Electromagnetic Compatibility (EMC) Directive and Namur 43, as applicable
<b>SIL-2 Applications</b>	FMEDA Report Supports SIL-2		-	-	Supports SIL2-
<b>Warranty</b>	5-Years	5-Years	5-Years Standard/17-Years Optional		
<b>Special End Connections</b>	Sanitary/Pulp/Paper Hi-Gauge Pressure	-	Sanitary/Pulp/Paper	-	-
<b>Pressure Seals</b>	Yes	Yes	Yes	Contact Foxboro	-
<b>Bypass Manifolds</b>	Yes	Yes	Yes	Yes	-