

Type	HI6xx0	HI6xx1	HI6xx2	HI6xx3
Sensor Technology:	Silicon-on-Sapphire (SoS)			
Output Signal:	0.5 - 4.5 V ratiometric	0 - 5 V (4 or 3 wire)	0 - 10 V (4 or 3 wire)	4-20 mA
Supply Voltage:	4.8 - 5.5 VDC	10 - 32 VDC	12 - 32 VDC	10 - 36 VDC
Pressure Reference:	Gauge			
Protection of Supply Voltage:	Reverse polarity, overvoltage up to 36VDC			
Standard Pressure Ranges (bar):	0 - 1 bar Vac; 0 - 0.5 bar; 0 - 1 bar; 0-2.5 bar; 0-6 bar; 0 - 10 bar; 0-16 bar; 0 - 25 bar; 0 - 100 bar; 0 - 250 bar; 0-400 bar; 0 - 600 bar; 0-1,000 bar; 0 - 1,500 bar (other ranges available)			
Standard Pressure Ranges (psi):	0-30 In Hg; 0-7.5 psi; 0-15 psi; 0-30 psi; 0-100 psi; 0-150 psi; 0-200 psi; 0-300 psi; 0-1,500 psi; 0-3,000 psi; 0-6,000 psi; 0-8,700 psi; 0-15,000 psi; 0-20,000 psi (other ranges available)			
Overpressure Safety:	2x for up to 600bar ranges, 1.5 for up to 1000bar, 1.1 for 1500bar range			
Load Driving Capability:	≥ 4.5k	≥ 5k	≥ 10k	RL < [(UB - 10 V) / 20 mA] (e.g. with supply voltage (UB) of 36 V, max. load (RL) is 1300 Ω)
Accuracy NLHR:	≤ ±0.25 % of span BFSI (Optional higher accuracy version of ≤ ±0.1 % of span BFSI available*)			
Zero Offset and Span Tolerance:	±0.02 V at room temperature			
Operating Ambient Temperature:	-40°C - +135°C, up to +150°C for 10 minutes in rare occasions. Compensated temperature range -25 - 135°C			
Operating Media Temperature:	-40 °C - 135 °C (-40 °F to +275 °F)			
Storage Temperature:	+5 °C to +40 °C (+41 °F to +104 °F) Recommended Best Practice			
Temperature Effects:	Cumulative error < ±0.5%FS (TEB)			
Electromagnetic Compatibility:	EN61000-6-2; EN61000-4-2: Electrostatic discharge: contact ±4kV, air ± 8kV; EN61000-4-4: Fast Transients ± 4kV signal port; EN61000-4-5: Surges ±0.5kV Line to Line; EN 61000-4-6: Disturbances 10V off 0.15MHz - 80MHz. Certification: CE marked			
Insulation Resistance:	> 100 MΩ @ 50 VDC			
Wetted Parts:	Titanium alloy measurement cell and wetted parts			
Pressure Media:	All fluids compatible with titanium alloy All fluids compatible with Titanium alloy			
Pressure Connection:	AS4395B-E04 (7/16-20 UNIF- 3A) other options available			
Electrical Connection:	D38999; shell size 9, 6 pin, pattern 35 or PTFE insulated flying lead, conductor size 7/0.1 mm (other options available)			

PRODUCT CODING

Output	Electrical Connection	Wires	Type	Options	Pressure Range	Process Connection			
0.5-4.5 V ratio-metric	Cable outlet 1m screened IP67 protection	4	HI6000						
	D38999 6 pin connector	4	HI6010						
0-5 V	Cable outlet 1m screened IP67 protection	4	HI6001						
	D38999 6 pin connector	4	HI6011						
	Cable outlet 1m screened IP67 protection	3	HI6301						
	D38999 6 pin connector	3	HI6311						
0-10 V	Cable outlet 1m screened IP67 protection	4	HI6002						
	D38999 6 pin connector	4	HI6012						
	Cable outlet 1m screened IP67 protection	3	HI6302						
	D38999 6 pin connector	3	HI6312						
4-20 mA	Cable outlet 1m screened IP67 protection	2	HI6003						
	D38999 6 pin connector	2	HI6013						
Options									
No special options									
Pressure Range in bar									
0-1 bar Vac					V001				
0-0.5 bar					00.5				
0-1 bar					0001				
0- 2.5 bar					02.5				
0-6 bar					0006				
0-10 bar					0010				
0- 16 bar					0016				
0-25 bar					0025				
0-100 bar					0100				
0-250 bar					0250				
0-400 bar					0400				
0-600 bar					0600				
0-1,000 bar					1000				
0-1,500 bar					1500				
Process Connection									
AS4395B-E04 (7/16-20 UNJF- 3A)						FN			

Order Number Example

HI6000-1500FN

For options not listed please contact the sales team

S.09

Hispec
Protran



HI6000