



Model 328 1 1/8" Micro Display

Setra's 328 Micro Display is designed for local pressure indication in semiconductor gas delivery systems and process tools. With a footprint of 1-1/8", the Model 328 is ideal for high density down mount (IGS) gas sticks and panels. The Model 328 provides highly visible, 3.5 digits, 7 mm, red LED display while consuming very little power.

The local display is designed to be plugged onto, and be viewed from, the top of the Model 223, 225 and 227 ultra-high purity transducers and transmitters.¹ The inline installation receives power from the host system to power the display and passes it through to power the transducer. In turn, the 0 to 5 VDC, 0 to 10 VDC or 4 to 20 mA output signal of the transducer is read and displayed on the Model 328 and passed through to the host system for data logging.

The Model 328 is factory calibrated to the range and pressure units of your choice and displayed units can be switched by the user through the convenient front access push button. Field adjustments to zero and span are also provided through the push buttons.

The display face rotates 360° for viewing in any of four orientations and detents ensure proper positioning at each 90° angle. A choice of electrical connector combinations are available, including a 9 pin D-Sub or high density 15 pin D-Sub connectors to the transducer and power supply. A 6 foot pigtail cable option is also available for the system/power supply.



- Point of Use Monitoring For User Safety
- High Visibility LED Display
- High Accuracy

Model 328 Features:

- Rotatable Face For 360° Viewing
- Low Power Consumption
- Switchable Engineering Units
- Recessed Mating Connector to Reduce Potential
 Interference
- CE an RoHS Compliant

Applications:

Semiconductor Gas Distribution Systems & Process Tools Gas Boxes & Sticks Gas Cylinder Cabinets & Panels

Valve Manifold Boxes

Bulk Gas Delivery Systems

¹Consult Setra for compatibility with a wide range of other Setra models.

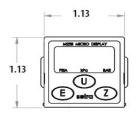




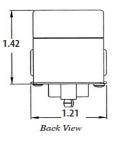
ORDERING INFORMATION

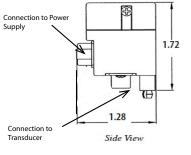
3 2 8 G]-		-				-		_		_		_	N S	
Model	Inpu	t	Pres	Pressure Range		Pressure		Electrical Connection to Transducer		Electrical Connection to Power Supply		ly Optio	ons]	
328G= Model 328	М	0 to 5 VDC	PSI I	PSI Range Bar Range		G	Gauge	D	15 Pin HD-sub Connector, female	D	15 Pin HD-sub Connector, male	NS	Switchable Units		
	L	0 to 10 VDC	1	25.0	A	1.70	C	Compound	E	9 Pin D-sub Connector, female	E	9 Pin D-sub Connector, male			-
	В	4 to 20 mA	2	50.0	В	3.40	A	Absolute			6	6 foot cable			
3 100.0 C 7.00 Example: Part No. 328GM1GDDNS is a Model 328, 0 to 5 VDC Input, 25 PSI Range, Gauge Pressure with 1															
			4	250.0	D	17.0	Sele	ect the input/out	put si	gnal, range, calibration type (abs, gauge	or con	pound) and the connector to match	the intended	d mating transducer.	
			5	500.0	E	34.0						SWITCHAB	LE P	RESSUR	E UNITS
			6	1000.0	F	70.0							Factory	Fiel	d Selectable
			7	3.00 Kpsi	G	210	1					Ca	alibrated U	nits	Units
			Torr	1			1						PSI	Bar	kPa
				1000 Torr									kPSI	kBar	-
			L	1000 Torr									Bar	PSI	kPa

DIMENSIONS



Top View





GENERAL SPECIFICATIONS

Torr

mBar

kPa

Display		Mechanical			
Digits	-1999 to 1999	Electrical Termination	High Density 15-Pin D-Sub or 9 Pin D-Sub		
Туре	7 Segment Red LED	Display Face Orientation	Any of Four (0°, 90°, 180°, 270°)		
Polarity	Automatic (-) Display	Environmenta	al de la companya de		
Overload	Flashing "OVL"	Operating Temperature	+32°F to ±140° F (0°C to 60°C)		
Over Range	Flashing "OVF"	Storage Temperature	-40°F to +185° F (-20°C to 85°C)		
Accuracy	0.1% of Reading, ± 1 Count	Electrical Data	3		
Digit Size	0.28" Height	Input Signal	0 to 5 VDC, 0 to 10 VDC or 4-20mA		
Pressure Units	Switchable by Push-button	Excitation	12 to 30 VDC (6.5 VDC Drop on Current loop)		
		Zero/Span Adjust.	Push Button on Front Face		
		Protection	Reverse Polarity Protectior (4 to 20 mA unit: 100mA Current Limit)		



Key	Name	Function
E	Enter	Transition from measuring mode to value setting mode - For factory use
U	Units	Units change (Push and hold for 5 seconds)
Z	Zero	Auto zero (push and hold along with E button for 2 seconds)