PAQUIN SENSORS
A Division of The Paquin Company™

Flush Mount with High Temperature Options

- SS316L flush pressure port
- Up to 482°F media temperature
- Gauge, absolute & sealed gauge
- Numerous output signals
- Optional Ex protection
  Exia II CT6

CE

About

The P13 pressure transmitter is a flush mount design capable of withstanding system media temperatures up to 482°F while still performing within tolerances. Perfect for viscous media such as polyurethane, glue, paints, sludges of all types and more. Flush mount with no hollow pressure port; perfect for clean-in-place requirements.

Applications

- ✓ Viscous media
- ✓ Paints, sludges and slurries
- ✓ Sanitary
- ✓ CIP Clean-in-place
- ✓ Water and most other fluids

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Build Your Part Number

Series P13

Example: P13G69A155E6B

Series
P13

Pressure Reference - *select one*	
G	Gauge
S	Sealed Gauge
A	Absolute

Media Temperature Range - *select one*	
6	-40...185°F (no cooling fins) ***see diagram page 3***
7	-40...302°F (3 cooling fins) ***see diagram page 4***
8	-40...482°F (5 cooling fins) ***see diagram page 4***

Safety Barrier - *select one*	
9	Standard (no safety barrier)
11	Exia II CT6

Output Signal - *select one*		Supply & Pin-Out			
A	4 ... 20 mA	24 (12 ... 30) VDC	Pin 1: Supply	Pin 2: Output Signal	
B	0 ... 5 VDC	24 (12 ... 24) VDC	Pin 1: Supply	Pin 2: GND	Pin 3: Output Signal
C	0 ... 10 VDC	24 (12 ... 24) VDC	Pin 1: Supply	Pin 2: GND	Pin 3: Output Signal
E	1 ... 5 VDC	24 (12 ... 24) VDC	Pin 1: Supply	Pin 2: GND	Pin 3: Output Signal
G	1 ... 10 VDC	24 (12 ... 30) VDC	Pin 1: Supply	Pin 2: GND	Pin 3: Output Signal
H	0.5 ... 4.5 VDC	24 (12 ... 24) VDC	Pin 1: Supply	Pin 2: GND	Pin 3: Output Signal

Pressure Range (psi) - *select one*		Over Pressure (psi)	Burst Pressure (psi)
15	0 ... 1.5	4.5	7.5
16	0 ...2	6	10
17	0 ... 2.5	7.5	12.5
18	0 ... 5	15	25
19	0 ...10	30	50
21	0 ... 15	30	45
22	0 ... 20	40	60
23	0 ... 25	50	75
24	0 ... 30	60	90
25	0 ... 50	100	150
26	0 ... 100	200	300
27	0 ... 150	300	450
28	0 ... 200	400	600
29	0 ... 250	500	750
31	0 ... 300	600	900
32	0 ... 400	600	1200
33	0 ... 500	750	1500
34	0 ... 1000	1500	3000
35	0 ... 1500	2250	4500
XX	Use "XX" for custom ranges (Ex: 0 ... 550 psi) Please inform range below part number		

Process Connection – *select one; see diagrams page 3*	
5E	1/2" NPT male
5Q	G1/2" male

Electrical Connection – *select one; see diagrams page 3 for dimensions & pin-out*	
6B	DIN 43650-A (field wireable mating connector included)

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Technical Parameters

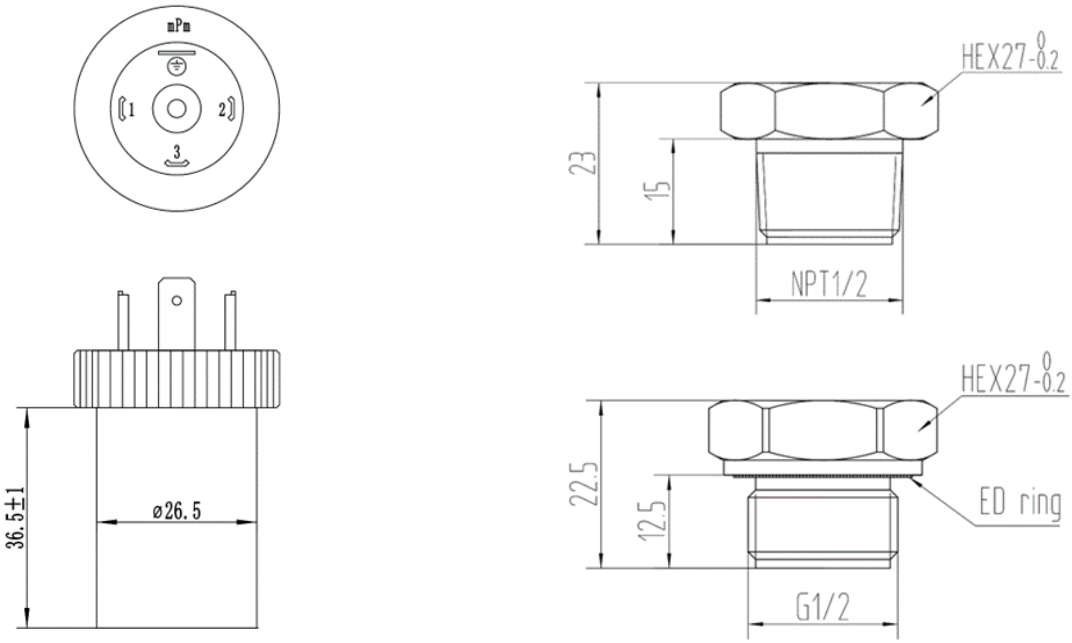
Technical Parameters		
Accuracy	At 77°F (+/-9°F)	± 0.5% FS typical
	Hysteresis at 77°F	± 0.1% FS typical
	Repeatability	± 0.1% FS typical
	Response time	≤ 1ms (up to 90% FS)
	Temperature drift	± 1.5% FS typical (-4...185°F)
Environmental	Media temperature	-40 ...+185°F (without cooling fins)
	Ambient temperature	-4 ...+185°F (without cooling fins)
	Storage temperature	-40 ...+185°F (without cooling fins)
	Protection	IP65
	Vibration	Sine curve: 20g, 25Hz-2kHz, IEC 600068-2-6 Random: 7.5 grms, 5Hz-1kHz; IEC 60008-2-6
	Insulation resistance	100M Ω / 250VDC
	Ex (optional)	Exia II CT6
EMC	Immunity	IEC 61000-6-2
	Radiation	IEC 61000-6-3
Mechanical	Wetted parts (sensor)	316L
	Wetted parts (process connection)	316L
	Housing	316L

Media Temperature Ranges & Process Connection Dimensions

Option 6

no cooling fins

-40...185°F



DIN 43650-A

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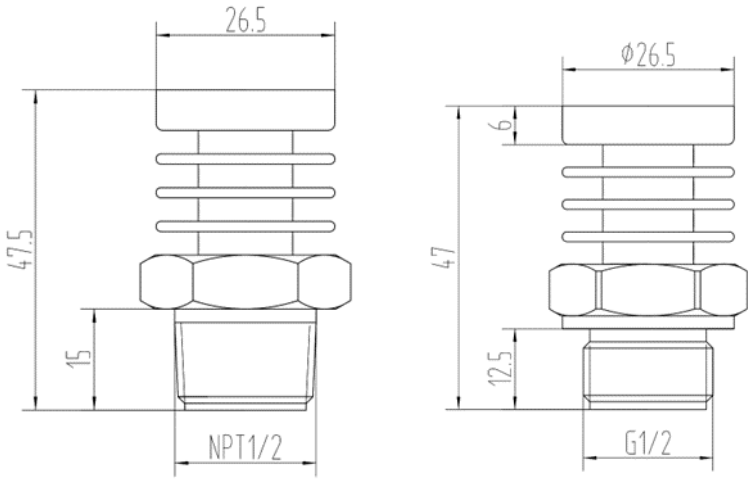
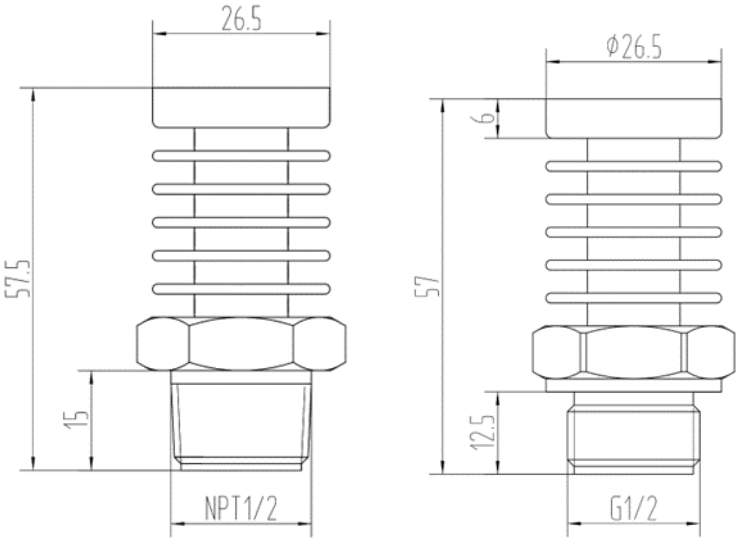
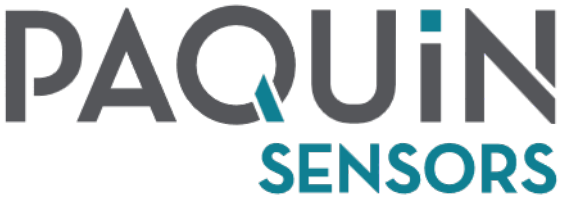
Media Temperature Ranges & Process Connection Dimensions (con't)

Option 7
3 cooling fins
-40...302°F



Option 8
5 cooling fins
-40...482°F





Paquin Sensors' product portfolio is designed to provide options to fit the most diverse range of specifications.

We collaborate with our customers to match the best product technologies with your unique application requirements.

Please contact us or call +1 (800) 831-8217 anytime to discuss your needs!