

Utility pressure gauges

Model PG121

Nominal size 100 mm, 150mm and 250mm
Accuracy: Class 2 (2%)

Features

- Rugged construction
- Protection IP54
- Overload protection 130 %
- Standard dial dual scale (psi, kg/cm²)
- Dry

Ranges

-30 in. Hg ... 0 psi up to 0 ... 10,000 psi

Applications

Heating and ventilation
Machine and apparatus construction

Technical specification	PG121		
	100	150	250
Dial size in mm	100	150	250
Construction	Open front with push-in ring		
Measuring principle	Bourdon tube		
Range in psi	10 15 20 30 50 60 100 150 200 250 300 400 500 600 800 1000		
"Hg / psi	-30"/0 -30"/15 -30"/30 -30"/60 -30"/100 -30"/150 -30"/200		
Overpressure limit	130 % F.S., short time.		
Pressure type	Gauge, vacuum and compound		
Process connection	1/4" 3/8" 1/2" BSP / NPT (M) , M20x1.5 (M)		
Connection location	Lower, back		
Material			
Pressure connection	Brass		
Tube	Bronze for ranges ≤ 1000 psi, SS316 for ranges > 1000psi		
Case/ring	Black finished steel case		
Window	Instrument glass		
Dial	Aluminum, black markings on white background		
Pointer	Aluminum, black		
Movement	Brass		
Accuracy	Class 2 (2%)		
Permissible			
Ambient temperature	-25 ... 60 °C		
Medium temperature	Max. 65 °C		
Storage temperature	-40 ... 65 °C		
Effect	Max. 0,3 % / 10 K		
Protection according	IP54		
Mounting	Standard stem, optional panel, surface		
Weight dry in kg			

General dimensions in mm

Order information

Size	System material	Execution	Process connection	Connection orientation	Range	Engineering units	Case Material	Options
(100) 100mm	(B) Tube bronze, socket brass ³⁾	(D) dry IP54	(04) 1/2" NPT (M) ²⁾	(L) Lower	-30"/ 0	(psi & kg/cm ²) Dual scale "Hg / psi & mmHg / kg/cm ²	(=) Standard Steel case black finish	(NH) Tagging wired
(150) 150mm			(03) 3/8" NPT (M)	(C) Centre back ¹⁾	-30"/ 15			(DA) Dial Marking
(250) 250mm			(02) 1/4" NPT (M)		-30"/ 30	(ON) Neutral, without logo		
			(15) 1/2" BSP (M) ²⁾		-30"/ 60	(psi & kg/cm ²) Dual scale psi & kg/cm ²		(FX) Front panel ¹⁾
			(14) 3/8" BSP (M)		-30"/ 100			(FW) Surface plate
			(13) 1/4" BSP (M)		-30"/ 150			
			(16) M20x1.5 (M) ²⁾		-30"/ 200			
					0/ 10			
					0/ 15			
					0/ 20			
					0/ 30			
					0/ 50			
					0/ 60			
					0/ 100			
					0/ 150			
					0/ 200			
					0/ 250			
					0/ 300			
					0/ 400			
					0/ 500			
					0/ 600			
					0/ 800			
					0/ 1000			
					0/ 1500			
					0/ 2000			
					0/ 3000			
					0/ 4000			
					0/ 5000			
					0/ 6000			
					0/ 8000			
					0/ 10000			

1) Only for dial size 100mm 2) only for dial size 250mm 3) for ranges above 1000 psi tube material SS316

How to order

Size	Type	System material	Execution	Process connection	Connection orientation	Range	Engineering unit	Filling/Case material	Option
100	PG121	B	D	02	C	0/60	psi & kg/cm ²	=	NH

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