

Utility pressure gauges

Model PG120

Nominal size 40 mm, 50 mm, 63 mm
Accuracy: Class 2.5 (2.5%)

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 ... 6,000 psi

Applications

Heating and ventilation
Machine and apparatus construction

Technical specification	PG120		
	40	50	63
Dial size in mm	40	50	63
Construction	Open front with push-in ring		
Measuring principle	Bourdon tube		
Range in psi	15 20 30 50 60 100 150 200 250 300 400 500 600 800 1000 1500 2000 3000 4000 5000 6000		
"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	1/8" NPT/BSP (M)	1/8" 1/4" NPT/BSP (M)	
Connection location	Lower, back		
Material	Pressure connection: Brass optional stainless steel 316 Tube: Phosphor Bronze optional stainless steel 316 Case/ring: Black finished steel case optional stainless steel case Window: Instrument glass, optional polycarbonate cap Dial: Aluminum, black markings on white background Pointer: Aluminum, black Movement: Brass optional stainless steel		
Accuracy	Class 2.5 (2.5%)		
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, bracket, 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
(40) 40mm	(B) Tube phosphor bronze, socket brass	(D) dry IP54	(02) 1/4" NPT (M) ¹⁾	(L) Lower	-30"/ 0 ¹⁾	(psi & kg/cm ²) Dual scale "Hg / psi & mmHg / kg/cm ²	(=) Standard Steel case black finish	(DA) Dial Marking
(50) 50mm			(01) 1/8" NPT (M)	(C) Centre back	-30"/ 15 ¹⁾			(ON) Neutral, without logo
(63) 63mm			(13) 1/4" BSP (M) ¹⁾		-30"/ 30 ¹⁾			(UC) U-clamp
	(S) 316 tube, 316 socket		(12) 1/8" BSP (M)		-30"/ 60 ¹⁾	(psi & kg/cm ²) Dual scale psi & kg/cm ²	(YX) Stainless steel 304 case	(FX) Front panel ¹⁾
					-30"/ 100 ¹⁾			(FW) Surface plate ¹⁾
					-30"/ 150 ¹⁾			(PC) Polycarbonate cap
					-30"/ 200 ¹⁾			(CR) Crimp ring
					0/ 15 ¹⁾			
					0/ 20 ¹⁾			
					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 ²⁾							
	0/ 2000 ²⁾							
	0/ 3000 ²⁾							
	0/ 4000 ²⁾							
	0/ 5000 ²⁾							
	0/ 6000 ²⁾							

1) Not for dial size 40mm 2) not for dial size 40mm, 50mm

How to order

Size	Type	System material	Execution	Process connection	Connection orientation	Range	Engineering unit	Filling/Case material	Option
63	PG120	B	D	02	L	0/60	psi & kg/cm ²	=	CR

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