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/cm^2)
- Dry

Ranges

-30 in. Hg ... 0 psi up to 0 ... 6,000 psi

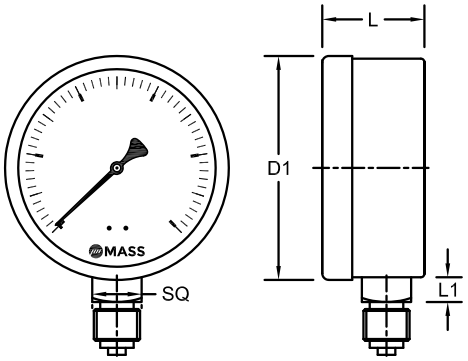
Applications

Heating and ventilation
Machine and apparatus construction
Air filters and regulators
Valve positioners and compressors

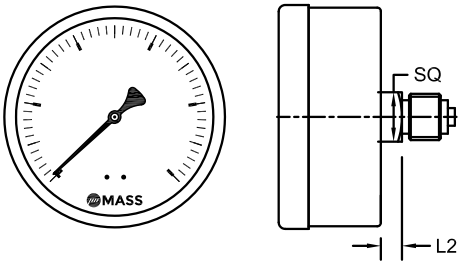
Technical specification	PG120		
Dial size in mm	40	50	63
Construction	Open front with push-in ring		
Measuring principle	Bourdon tube		
Range in psi	15 20 30 50 60 100 150 200 250 300 400 500 600 800 1000 1500 2000 3000 4000 5000 6000		
"HG / psi	-30"/0 -30"/15 -30"/30 -30"/60 -30"/100 -30"/150 -30/200		
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 gram	60	90	105

All specifications are subject to change without notice.

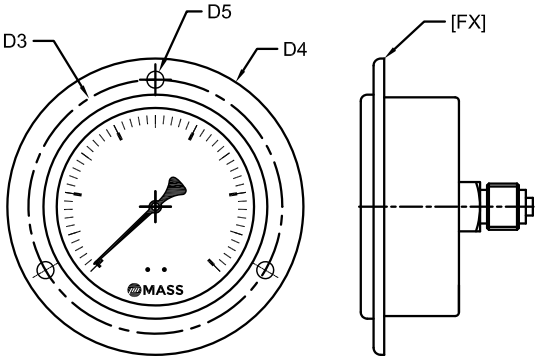
General dimensions in mm



Lower Connection Direct Mounting



Back Connection Direct Mounting



Back Connection Front Panel Mounting

DIAL SIZE	40	50	63
ØD1	42	52.5	63.5
ØD2	40	51	62
D3	-	65	78
D4	-	71	84
D5	-	3	3.6
L	25	27	28
L1	7	7	7
L2	5	6	6
SQ.	11	14	14

Order information

Size	System Material	Execution	Process connection	Connection orientation	Range	Engineering units	Case Material	Options
(40) 40mm **(50)** 50mm **(63)** 63mm	**(B)** Tube phosphor bronze, socket brass **(S)** 316 tube, 316 socket	**(D)** dry IP54	**(02)**1/4" NPT (M) [1] **(01)**1/8" NPT (M) **(13)**1/4" BSP (M) [1] **(12)**1/8" BSP (M)	**(L)** Lower **(C)**Centre back	**-30"/ 0** [1] **-30"/ 15** [1] **-30"/ 30** [1] **-30"/ 60** [1] **-30"/ 100** [1] **-30"/ 150** [1] **-30"/ 200** [1]	**(psi & kg/cm²)** Dual scale "Hg / psi & mmHg / kg/cm²	**(=)** Standard Steel case black finish **(YX)** Stainless steel 304 case	**(DA)** Dial Marking **(ON)** Neutral, without logo **(UC)** U-clamp **(FX)** Front panel [1] **(FW)** Surface plate [1] **(PC)** Polycarbonate cap **(CR)** Crimp ring
					0/ 15 [1] **0/ 20** [1] **0/ 30** **0/ 50** **0/ 60** **0/ 100** **0/ 150** **0/ 200** [1] **0/ 250** [1] **0/ 300** [1] **0/ 400** [1] **0/ 500** [1] **0/ 600** [1] **0/ 800** [1] **0/ 1000** [1] **0/ 1500** [2] **0/ 2000** [2] **0/ 3000** [2] **0/ 4000** [2] **0/ 5000** [2] **0/ 6000** [2]	**(psi & kg/cm²)** Dual scale psi & kg/cm²		

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/cm²	=	CR

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