



P110 model are designed for non-corrosive environment. Water, Air, Oil or Gas service are the most common applications which do not have high viscosity and do not crystallize. It's suitable for pneumatic, filters, pressure regulators, hydraulic, compressors and etc.....

Standard Specification

Model	: P110
Dial Size	: 1 1/2" (40mm), 2" (50mm), 2 1/2" (60mm), 3" (75mm) 4" (100mm), 6" (150mm), 8" (200mm) & 10" (250mm)
Case / Cover	: Steel in black color
Window	: Glass
Movement	: Brass
Element Tube and Connection	: Brass
Accuracy	: 1 1/2" (40mm): +/- 3% of FS
Others	: +/- 1.5 % of FS
Working Pressure	: 75% of FS
Ambient Temperature	: -20 ~ + 60 °C
Process Temperature	: -20 ~ + 60 °C

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GENERAL SERVICE PRESSURE GAUGE

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MODEL
P110

MOUNTING TYPE (REFER TO DIMENSION)

- A:** Direct bottom connection
B: Bottom connection with surface mounting plate
D: Direct center back connection
BD: Center back connection with panel mounting plate

DIAL SIZE

- 1 1/2" (40mm)
2" (50mm)
2 1/2" (60mm)
3" (75mm)
4" (100mm)
6" (150mm)
8" (200mm)
10" (250mm)

RANGE (REFER PRESSURE TABLE)

STANDARD CONNECTION TYPE

- 1/8" BSPT (1 1/2" Dial)
1/4" BSPT (2" & 2 1/2" Dial)
3/8" BSPT (3", 4" & 6" Dial)
1/2" BSPT (8" & 10" Dial)

SAMPLE OF ORDERING

P 110

A

4"

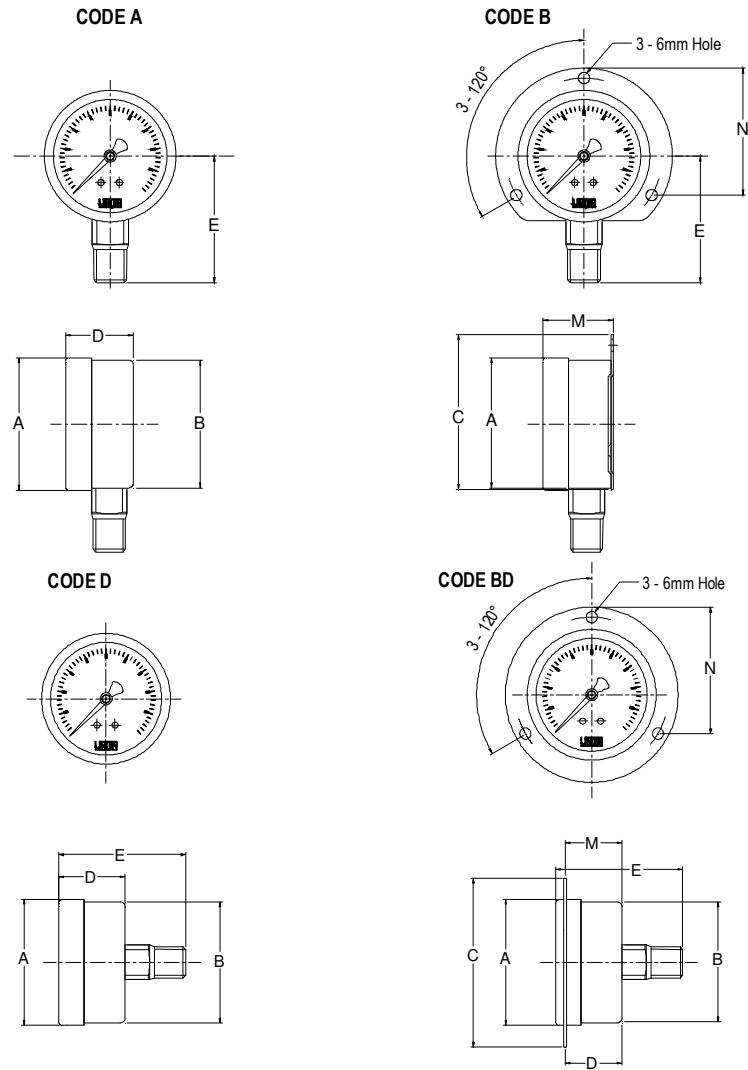
0~10K

3/8" BSPT

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Scale (mm)

DIAL SIZE	CODE	A	B	C	D	E	M	N		
Ø40	A	42.0	40.8		22.5	37.3				
	D	42.0	40.8		24.5	40.5				
Ø50	A	52.2	51.0		28.2	44.4			26.5	46.0
	D				28.7	48.8				
	BD			70.0						
Ø60	A	63.0	62.0		28.8	54.3				
	D				29.4	48.8				
	BD			84.0			29.8	54.0		
Ø75	A	81.0	80.0		36.0	68.0				
	D	78.2	77.0		34.7	60.8				
	BD	100.2		100.2	35.2	61.3	31.2	61.0		
Ø100	A	106.0	104.6		35.6	80.7	31.2	83.0		
	D	106.0	104.6	128.3	35.2	60.8				
	BD	106.4		117.0	37.3	82.2				
Ø150	A	150.0	147.7		47.0	107.8				
Ø200	B	200.0		216.0	48.2	187.0				
Ø250	B	250.0		273.0	49.8	163.0			210.0	

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STANDARD AVAILABLE RANGES

GAUGE	RANGE (Kg/cm ² / psi)	DIAL SIZE							
		1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"
VACUUM	-76cmHg ~ 0 (-30"Hg)	X	O	O	O	O	O	X	X
COMPOUND	-76cmHg ~ 1 Kg/cm ² (5 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 2 Kg/cm ² (30 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 3 Kg/cm ² (45 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 4 Kg/cm ² (60 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 7 Kg/cm ² (100 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 10 Kg/cm ² (150 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 15 Kg/cm ² (200 psi)	X	X	O	O	O	O	X	X
	-76cmHg ~ 20 Kg/cm ² (300 psi)	X	X	O	O	O	O	X	X
PRESSURE	0 ~ 1 Kg/cm ² (15 psi)	X	X	O	O	O	O	X	X
	0 ~ 2 Kg/cm ² (30 psi)	O	O	O	O	O	O	X	X
	0 ~ 3 Kg/cm ² (45 psi)	X	O	O	O	O	O	X	X
	0 ~ 4 Kg/cm ² (60 psi)	O	O	O	O	O	O	X	X
	0 ~ 6 Kg/cm ² (80 psi)	X	O	O	O	O	O	X	X
	0 ~ 7 Kg/cm ² (100 psi)	O	O	O	O	O	O	O	O
	0 ~ 10 Kg/cm ² (150 psi)	O	O	O	O	O	O	O	O
	0 ~ 15 Kg/cm ² (200 psi)	O	O	O	O	O	O	O	O
	0 ~ 20 Kg/cm ² (300 psi)	O	O	O	O	O	O	O	O
	0 ~ 25 Kg/cm ² (350 psi)	O	O	O	O	O	O	O	O
	0 ~ 30 Kg/cm ² (400 psi)	O	O	O	O	O	O	O	O
	0 ~ 35 Kg/cm ² (500 psi)	O	O	O	O	O	O	O	O
	0 ~ 40 Kg/cm ² (600 psi)	X	O	O	O	O	O	O	O
	0 ~ 50 Kg/cm ² (700 psi)	X	O	O	O	O	O	O	O
	0 ~ 60 Kg/cm ² (900 psi)	X	O	O	O	O	O	O	O
	0 ~ 70 Kg/cm ² (1000 psi)	X	O	O	O	O	O	O	O
	0 ~ 100 Kg/cm ² (1500 psi)	X	O	O	O	O	O	O	O
	0 ~ 150 Kg/cm ² (2000 psi)	X	X	O	O	O	O	X	X
	0 ~ 250 Kg/cm ² (3800 psi)	X	X	O	O	O	O	X	X
	0 ~ 300 Kg/cm ² (4000psi)	X	X	O	O	O	O	X	X
	0 ~ 350 Kg/cm ² (5000 psi)	X	X	O	X	O	O	X	X
	0 ~ 400 Kg/cm ² (6000 psi)	X	X	O	X	O	O	X	X
	0 ~ 500 Kg/cm ² (7000psi)	X	X	O	X	O	O	O	X
	0 ~ 600 Kg/cm ² (8000 psi)	X	X	O	X	O	O	X	X
	0 ~ 700 Kg/cm ² (10,000 psi)	X	X	O	X	O	O	X	X
	0 ~ 1000 Kg/cm ² (15,000 psi)	X	X	X	X	X	X	X	X

**Note: Due to ongoing and development, technical information could changed without notice

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