

Pressure Gauge with Limit Mark

G45D Series

Easy visual management with green color arrow

● Port Size : R1/8, R1/4

Circuit Diagram Symbol

RoHS

Model No. Notation

G45D - 6 - P04

- G45D: Pressure Gauge with Limit Mark
- 6: ❶ Port size
- P04: ❷ Pressure Display

❶Connection Method

Code	Content
6	R1/8
8	R1/4

*1 : NPT and G threads are Custom Products.

❷Pressure Display

Code	Content
P02	0 to 0.2 MPa
P04	0 to 0.4 MPa
P10	0 to 1.0 MPa

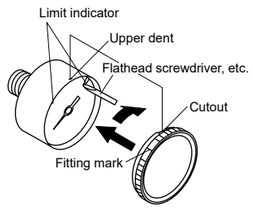
Specifications

Item		G45D
Operating fluid		Compressed Air
Fluid temperature	°C	5 to 60
Ambient Temperature	°C	5 to 60
Accuracy	*1	JIS2.5 grade or equivalent
Shape		DT type (rear side screw/stock section square)
Indicator size		ø39
Material	Stock/Bourdon tube	Brass
	Housing	Steel plate + paint (white)
	Lens	Polyamide resin
	Mark	Polyacetal Resin
Pressure range (Setting range)	MPa	0 to 0.2 0 to 0.4 0 to 1.0
Port size		R1/8, 1/4
Weight	g	74

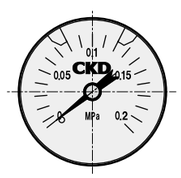
*1 : The guaranteed indicator accuracy temperature is 20±15 °C.

Adjustment

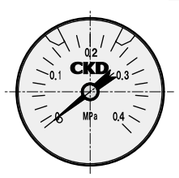
Turn the transparent face counterclockwise and pull it off forward.
Set the limit marker by moving the green arrow mark with a flathead screwdriver. After adjustment, always assemble the transparent case before supplying pneumatic pressure.
When setting the limit marker, take care not to bend the other indicators or to scratch the dial plate.
The limit markers do not exactly coincide with each other. A clearance of approx. one gradient may form.



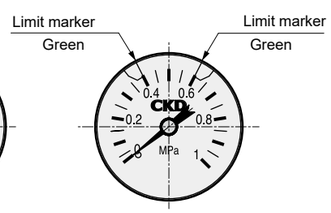
Dimensional Drawings



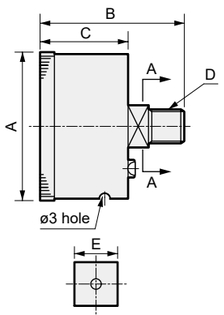
Pressure Display : P02



Pressure Display : P04



Pressure Display : P10



Model No.	A	B	C	D	E
G45D-6	ø39	41.5	26	R1/8	14
G45D-8	ø39	44.5	26	R1/4	14



General Purpose Pressure Gauge

G49D/G59D Series

● Port Size : R1/8, R1/4

Circuit Diagram Symbol

RoHS

Model No. Notation

G49D - 6 - P02

- G49D: ❶ Model No.
- 6: ❷ Port Size
- P02: ❸ Pressure Display

❶Model No.

Code	Content
G49D	G49D
G59D	G59D

❷Port Size

Code	Content
6	R 1/8
8	R 1/4

*1 : NPT thread is provided as Custom Product.

❸Pressure Display

Code	Content
P02	0 to 0.2 MPa
P04	0 to 0.4 MPa
P10	0 to 1.0 MPa
P20	0 to 2.0 MPa

*1 : MPa displays other than are Custom Product.

Clean Specification (Catalog No. CB-033SAA)

● Dust-generation prevention structure for use in cleanrooms

G49D - ····· - P7□
G49D - ····· - P9□
G59D - ····· - P7□
G59D - ····· - P9□

Rechargeable Battery Compatible Specification (Catalog No. CC-1226AA)

● Design compatible with rechargeable battery manufacturing process

G49D - ····· - P4□
G59D - ····· - P4□

* Please contact us for details.

Outdoor Specification (Catalog No. CC-1276AA)

• Outdoor components products that support outdoor equipment in harsh environments

GW49D -·····

Specifications

Item		G49D	G59D
Operating fluid		Liquid or gas (non-corrosive)	
Fluid temperature	°C	5 to 60	
Ambient Temperature	°C	5 to 60	
Accuracy *1		Full scale ±3 %	
Shape		DT type (rear side screw, stock section square)	
Indicator size		ø42	ø52
Material	Stock/Bourdon tube	Brass *2	
	Housing	Steel plate + chrome plating	
	Lens	Glass	
Pressure range	MPa	0 to 0.2 0 to 0.4 0 to 1.0 0 to 2.0	
Port Size	R	1/8, 1/4	
Weight	g	86	115

*1 : The guaranteed indicator accuracy temperature is 20 ±15 °C.
*2 : The material of the Bourdon tube is phosphor bronze only for pressure indication "P20."

Dimensional Drawings



Pressure Display : P02



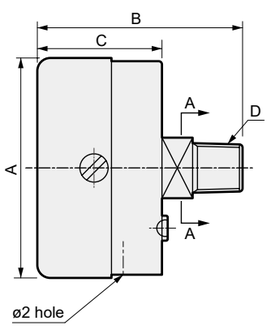
Pressure Display : P04

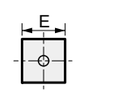


Pressure Display : P10



Pressure Display : P20





Model No.	A	B	C	D	E
G49D-6	ø43.5	40.5	24.5	R 1/8	12
G49D-8	ø43.5	44	24.5	R 1/4	14
G59D-6	ø52	44.5	28	R 1/8	14
G59D-8	ø52	46.5	28	R 1/4	14
G49D-6-P6	ø42.8	43.5	27.5	R 1/8	12
G59D-8-P6	ø52	50.5	26.5	R 1/4	14