

Pressure gauge with limit marker

G45D Series

Easy visual inspection management thanks to the green arrow.

● Port size: R1/8, R1/4

JIS symbol 

RoHS CAD

Specifications

Item		G45D
Working fluid		Compressed air
Fluid temperature °C		5 (41°F) to 60 (140°F)
Ambient temperature °C		5 (41°F) to 60 (140°F)
Accuracy *1		JIS2.5 grade or equivalent
Shape		DT type (rear side screw/stock section square)
Display size		ø39
Material	Stock/Bourdon tube	Copper alloy
	Housing	Steel plate + paint (white)
	Lens	Polyamide resin
	Marker	Polyacetal resin
Pressure range (Setting range) MPa		0 (≈0 psi, 0 bar) to 0.2 (≈29 psi, 2 bar) 0 (≈0 psi, 0 bar) to 0.4 (≈58 psi, 4 bar) 0 (≈0 psi, 0 bar) to 1.0 (≈150 psi, 10 bar)
Port size		R1/8,1/4
Weight g		74

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

How to order

G45D - 6 - P04

Ⓐ Model No.

Ⓑ Port size

Ⓒ Pressure display

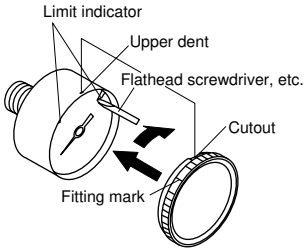
Code	Description
Ⓐ Model No.	
G45D	Pressure gauge with limit marker
Ⓑ Port size *1	
6	R1/8
8	R1/4
Ⓒ Pressure display	
P02	0 to 0.2 MPa
P04	0 to 0.4 MPa
P10	0 to 1.0 MPa

⚠ Precautions for model No. selection

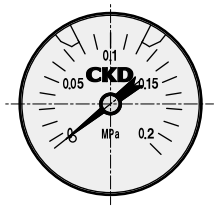
*1: NPT screws are available as made to order.

Adjustment

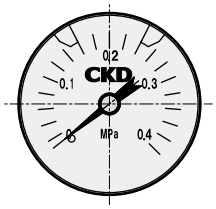
Turn the transparent face counterclockwise and pull it off forward.
Set the limit marker by moving the green arrow marker with a flathead screwdriver. After adjustment, always reattach the transparent face before supplying pneumatic pressure.
When setting the limit marker, take care not to bend the other 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.



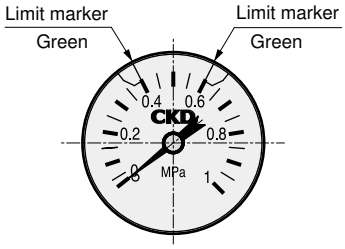
Dimensions CAD



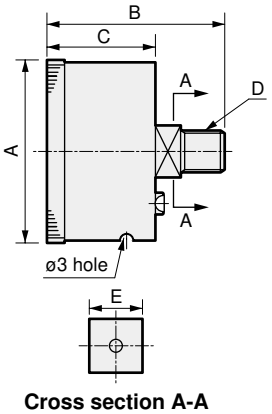
Pressure display: P02



Pressure display: P04



Pressure display: P10



Cross section A-A

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