

Low-profile Pressure Gauge

G401-W Series

Low profile, compact design ideal for incorporating devices.
Ideal for filter regulators, regulators, and pressure switches (P4000-W)

● Connection Method : O-ring sealant, screw-lock

Circuit Diagram Symbol

RoHS

Model No. Notation

G401 - W 0P P04

- G401: Model No.
- W: (White series)
- 0P: ❶ Connection Method
- P04: ❷ Pressure Display

❶Connection Method

Code	Content
Blank	Mounting screw for metal (nominal 3 tapping screw) (equipped as standard with 2000 to 8000 Series)
OP	Mounting screw for resin (nominal 3 tapping screw) (equipped as standard with 1000 Series)

❷Pressure Display

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

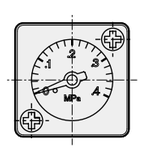
Specifications

Item		G401-W
Operating Fluid		Compressed Air
Fluid temperature	°C	5 to 60
Ambient Temperature	°C	5 to 60
Accuracy	*1	Full scale ±3 %
Shape		Square, fixed with screw
Indicator size		ø26
Material	Housing	PBT Resin
	Lens	Polycarbonate resin
Pressure range	MPa	0 to 0.4 0 to 1.0
Connection Method		O-ring sealant, screw-lock
Weight	g	11

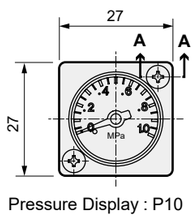
*1 : The guaranteed indicator accuracy temperature is 20 ±15 °C.

Dimensions and materials

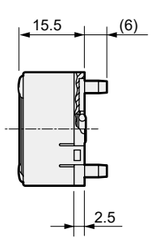
●G401

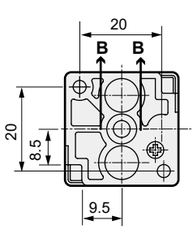


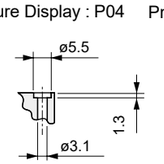
Pressure Display : P04



Pressure Display : P10







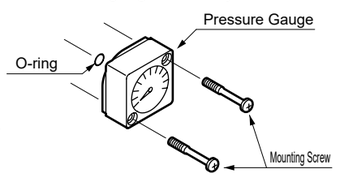
Cross-section A-A



Section B-B

Name	Material
Bourdon tube	Phosphor bronze
Case	PBT Resin
Lens	Polycarbonate resin

● Pressure gauge assembly



Note) Tighten the mounting screw with a torque of 0.6 N·m or less.

Usage Example





Pressure Gauge with Safety Mark

G40D Series

Easy visual inspection control due to green and red zone display

● Port Size : R1/8, R1/4

Circuit Diagram Symbol

RoHS

Model No. Notation

G40D - 8 - P10

- G40D: Pressure Gauge with Safety Mark
- 8: ❶ Port Size
- P10: ❷ Pressure Display

❶Port Size

Code	Content
6	R1/8
8	R1/4

*1 : Specify R1/4 when mounting on the Selex F.R.L. Series.

❷Pressure Display

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

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

●Structure usable in rechargeable battery manufacturing processes

G40D - ····· - P4□

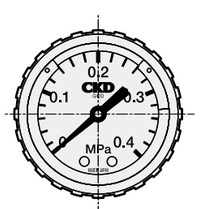
* Please contact us for details.

Specifications

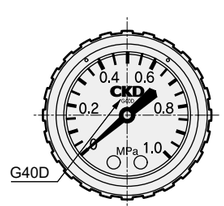
Item		G40D	
		P10	P04
Operating fluid		Compressed Air	
Full scale	MPa	1.0	0.4
Safety marker setting range	MPa	0.15 to 1.0	0.06 to 0.4
Max. setting width	MPa	0.45	0.18
Ambient Temperature	°C	5 to 60	
Fluid temperature	°C	5 to 60	
Port Size	R	1/8, 1/4	
Accuracy	*1	Full scale ±3 %	
Weight	g	85	

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

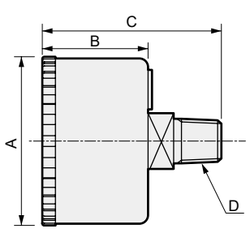
Dimensions / Material



Pressure Display:P04



Pressure Display:P10

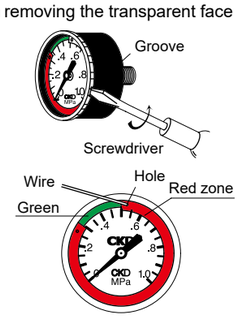


Model No.	A	B	C	D
G40D-6	ø42.5	26.5	44	R1/8
G40D-8			46	R1/4

Name	Material
Bourdon tube/stock	Brass
Housing	Steel plate + paint
Lens	Polyamide resin
Mark	PBT Resin

How to adjust pressure range

When removing the transparent face



Remove the transparent face and insert a needle into the hole in the red zone to move the red zone marker. After adjustment, always assemble the transparent case before supplying pneumatic pressure.