

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain
Separ
Mech
Press SW
Res press
exh valve
SlowStart
Anti-bac/Bac-
remove Filtr
Film
Resist FR
Oil-ProhR
Med
Press FR
No Cu/
PTFE FRL
Outdrs FRL
Adapter
Joiner
Press
Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/
other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro
Press SW
ContactSW
AirSens
PresSW
Cool
Air Flo
Sens/Ctrl
WaterRtSens
TotAirSys
(Total Air)
TotAirSys
(Gamma)
Gas
generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg
etc
Ending



Pressure gauge for panel mounting

G53D Series

JIS symbol



Features

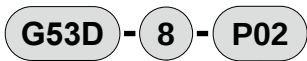
- A flush panel mount has been added to the conventional pressure gauge.
- M5 female screws are used as standard for the port size.

Specifications

Model No.		G53D
Working fluid		Compressed air
Fluid temperature °C		5 (41°F) to 60 (140°F)
Ambient temperature °C		-5 (23°F) to 60 (140°F) (no freezing)
Accuracy *1		Full scale ±3%
Shape		DT type (rear side screw, stock section square)
Display size		ø52
Material	Stock/Bourdon tube	Copper alloy
	Housing	Steel plate + chrome plating
	Lens	Glass
Pressure 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	R	1/8 (with M5 female thread), 1/4 (with M5 female thread)
Weight	g	100

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

How to order



Model No.

A Port size

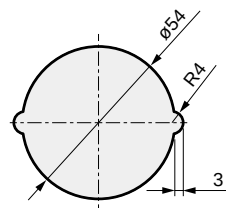
B Pressure display

Code	Description
A Port size *1	
6	1/8 (with M5 female thread)
8	1/4 (with M5 female thread)
B Pressure display MPa *2	
P02	0 to 0.2
P04	0 to 0.4
P10	0 to 1.0

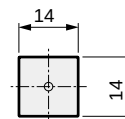
⚠ Precautions for model No. selection

- *1: Contact CKD when ordering NPT thread.
*2: Contact CKD for indications other than MPa.

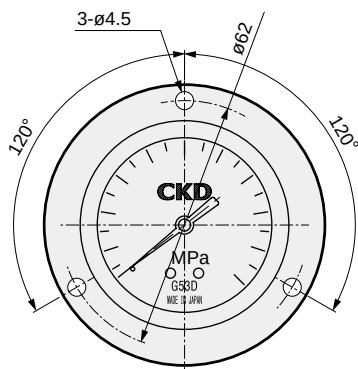
Dimensions



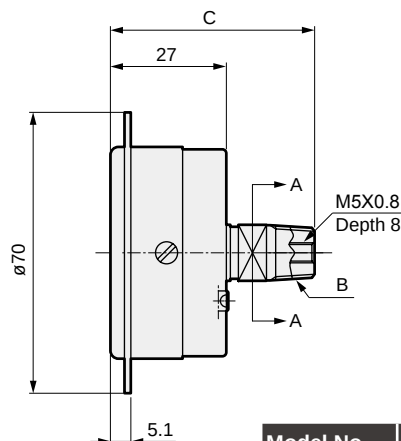
Panel cut dimension



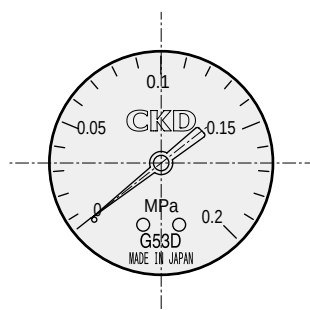
Cross-section A-A



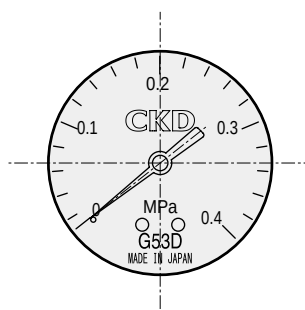
Scale display



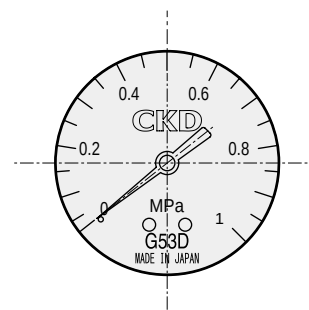
Model No.	B	C
G53D-6	Rc1/8	47
G53D-8	Rc1/4	50



Pressure display: P02



Pressure display: P04



Pressure display: P10

⚠ Safety precautions

- Make sure that impact and vibration are not applied directly onto the body.
- Repeated and sudden increases or decreases in pressure and pressure pulsations must be avoided as they could adversely affect the life of the pressure gauge. Ease the pressure fluctuation in the circuit.

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PTFE FRL
Outdris FRL
Adapter
Joiner
Press
Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/
other
Fit/Tube
Nozzle
Air Unit
PresCompn
Electro
Press SW
ContactSW
AirSens
PresSW
Cool
Air Flo
Sens/Ctrl
WaterRISens
TotAirSys
(Total Air)
TotAirSys
(Gamma)
Gas
generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg
etc
Ending