

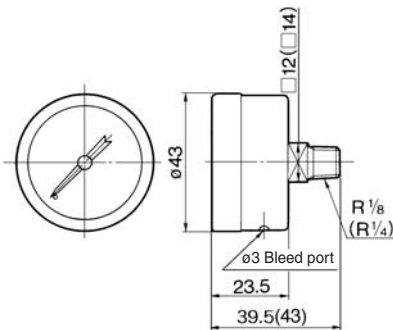
Pressure Gauge for General Purpose Series G43



G43-10-01

- Be sure to read the precautions on page 663 for selection and mounting.

External Dimensions (Except made-to-order products)



The dimensions in (): Connecting thread R 1/4

Standard Specifications

Model		G43
Type		Back side thread
Port size ⁽¹⁾		R 1/8, R 1/4
Fluid ⁽²⁾		Air
Indication precision		±3% F.S. (Full span)
Material	Case	Stainless steel
	Clear cover	Glass
	Stud	Brass
	Bourdon tube	Brass
Applicable model		IP200, IP8000, IR2000, IR3000, IT2000, 4000

Note 1) When mounting a pressure gauge, use caution not to tighten excessively. Excessive tightening will cause product to be damaged. Use a pipe tape for sealing. Recommended tightening torque: R 1/8: Set between 7 and 9 N·m, R 1/4: 12 and 14 N·m respectively.

Note 2) When using with water, use G43-□-X3 (wetted parts stainless steel) and use caution not to apply water hammer. When using the other fluids, please consult with SMC for fluid compatibility information concerning corrosive potential.

G
GS
PPA

Model (Standard)

Model	Pressure range ⁽¹⁾	Indication unit	Connection thread	Note
	MPa			
G43-2-01 to 02	0 to 0.2	MPa	R 1/8, R 1/4	—
G43-4-01 to 02	0 to 0.4			
G43-6-01	0 to 0.6		R 1/8	
G43-7-01 to 02	0 to 0.7		R 1/8, R 1/4	
G43-10-01 to 02	0 to 1.0			

Note 1) Do not apply pressure more than the maximum display pressure. This will cause a malfunction.

Model (Made to Order)

Model	Pressure range ⁽¹⁾	Indication unit	Connection thread	Note
	MPa			
G43-2-01 to 02-X2	0 to 0.2	MPa	R 1/8, R 1/4	X2: Stud parts nickel plated
G43-4-01 to 02-X2	0 to 0.4		R 1/8	
G43-6-01-X2	0 to 0.6		R 1/8, R 1/4	
G43-7-01 to 02-X2	0 to 0.7		R 1/8, R 1/4	
G43-10-01 to 02-X2	0 to 1.0			
G43-2-01 to 02-X3	0 to 0.2	MPa	R 1/8, R 1/4	X3: Wetted parts stainless steel
G43-4-01 to 02-X3	0 to 0.4		R 1/8	
G43-6-01-X3	0 to 0.6		R 1/8, R 1/4	
G43-7-01 to 02-X3	0 to 0.7		R 1/8, R 1/4	
G43-10-01 to 02-X3	0 to 1.0			
G43-2-01 to 02-X4	0 to 0.2	MPa	R 1/8, R 1/4	X4: Oil-free (Wetted parts degreasing)
G43-4-01 to 02-X4	0 to 0.4		R 1/8	
G43-6-01-X4	0 to 0.6		R 1/8, R 1/4	
G43-7-01 to 02-X4	0 to 0.7		R 1/8, R 1/4	
G43-10-01 to 02-X4	0 to 1.0			

Note 1) Do not apply pressure more than the maximum display pressure. This will cause a malfunction.

How to Order

G 43 - 10 - 01 - □

- Pressure gauge**: G 43
- Max. display pressure**: 10
- Connection thread size**: 01
- Option**: □

Model		Connection thread size		Option	
Symbol	Outside diameter	Symbol	Size	Symbol	Specifications
43	43	01	R 1/8	Nil	—
		02	R 1/4	X2	Stud parts nickel plated
				X3	Wetted parts stainless steel
				X4	Oil-free (Wetted parts degrease washing)

Symbol	Unit: MPa
2	0.2
3	0.3
4	0.4
6	0.6
7	0.7
10	1.0