

Series Variations

Pressure Gauge for General Purpose

	Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication unit Note 1)	Attachment Note 2)	
							Case	Clear cover	Stud			
	ø15	G15	Back side thread	5	0 to 1.0	R 1/8 M5 (Female thread)	Zinc die-casted (Black graphite coated)	Poly-carbonate	Zinc die-casted (Black graphite coated)	MPa	—	P.1272
	ø26	G27	Back side thread		0 to 1.0	R 1/8 R 1/16				MPa		
With limit indicator 	ø37.5	G36	Back side thread	3	0 to 0.2 0 to 0.4 0 to 0.7 0 to 1.0 0 to 1.5	R 1/8 (Option M: With M5 female thread)	Rolled steel (Electrodeposition coating black)	Poly-carbonate	Aluminum die-casted (Black disulfide molybdenum coated)	MPa	—	P.1274
		GA36	Vertical side thread			R 1/8	Stainless steel (Black melamine painted)		Brass			
With limit indicator 	ø42.5	G46	Back side thread	3	0 to 0.2 0 to 0.4 0 to 0.7 0 to 1.0 0 to 1.5	R 1/8, R 1/4 (Option M: With M5 female thread)	Rolled steel (Electrodeposition coating black)	Poly-carbonate	Aluminum die-casted (Black disulfide molybdenum coated)	MPa	Cover ring assembly	P.1276
		GA46	Vertical side thread			R 1/8 R 1/4	Stainless steel (Black melamine painted)		Brass		—	
	ø30	G33	Back side thread	3	0 to 0.2 0 to 0.3 0 to 0.4 0 to 0.6	R 1/8	Stainless steel	Glass	Brass	MPa	—	P.1279
	ø43	G43	Back side thread		0 to 0.7 0 to 1.0	R 1/8 R 1/4						P.1281
With color zone 	ø37.5	G36-L	Back side thread	3	0 to 0.2 0 to 0.4 0 to 1.0	R 1/8	Stainless steel (Black melamine painted)	Polycarbonate, Nylon	Brass	MPa	—	P.1283
	ø42.5	G46-L				R 1/8 R 1/4						
With color zone 	ø51.4	G53-L	Back side thread	3	0 to 0.2 0 to 0.4 0 to 0.7 0 to 1.0	R 1/8 R 1/4	Stainless steel	Polycarbonate	Brass	MPa	—	P.1286
	ø63.4	G63-L										

Note 1) Please consult with SMC for other scale indication units and connecting thread "NPT".

Note 2) Possible for use in panel mounting. (G46 only)

Note 3) Please consult with SMC for the pressure range 0 to 0.6 MPa of GA33.

Oil-free/External Parts Copper-free Pressure Gauge

	Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication unit Note 1)	Attachment Note 2)	
							Case	Clear cover	Stud			
With limit indicator 	ø42.5	G46E	Back side thread	3	0 to 0.2 0 to 0.4 0 to 0.7 0 to 1.0 0 to 1.5	R 1/8 R 1/4 (Option M: With M5 female thread)	Stainless steel (Black melamine painted)	Poly-carbonate (Hard coated)	Brass (Electroless nickel plated)	MPa	Cover ring assembly	P.1288

Note 1) Please consult with SMC for other scale indication units and connecting thread "NPT".

Note 2) Possible for use in panel mounting.

Pressure Gauge for Clean Series (10- Series)

	Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication unit Note 1)	Attachment	
							Case	Clear cover	Stud			
	ø44	G49	Back side thread	3	0 to 0.4 0 to 0.7 0 to 1.0	R 1/8 R 1/4	Zinc die-casted (Chrome plated)	Glass	Brass (Nickel plated)	MPa	—	P.1291

Note 1) Please consult with SMC for other scale indication units and connecting thread "NPT".

Pressure Gauge for Clean Regulator

With limit indicator



Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication unit Note 1)	Attachment Note 2)	
						Case	Clear cover	Stud			
ø42.5	G46- SRA,B	Back side thread	3	0 to 0.2 0 to 0.4 0 to 0.7 0 to 1.0	R 1/8 R 1/4	Stainless steel Black melamine painted	Poly-carbonate (Hard coated)	Stainless steel	MPa	Cover ring assembly	P.1293

Note 1) Please consult with SMC for other scale indication units and connecting thread "NPT".

Note 2) Possible for use in panel mounting.

Pressure Gauge with Switch

With limit indicator



Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication unit Note 1)	Attachment Note 2)	
						Case	Clear cover	Stud			
ø42.5	GP46	Back side thread	3	0 to 1.0	R 1/8 R 1/4	Rolled steel Black melamine painted	Poly-carbonate	Brass	MPa	Cover ring assembly	P.1296

Note 1) Please consult with SMC for other scale indication units and connecting thread "NPT".

Note 2) Possible for use in panel mounting.

Pressure Gauge for Vacuum



Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication unit Note 2)	Attachment Note 3)	
						Case	Clear cover	Stud			
ø42.5	GZ46	Back side thread	3	-100 to 0 -100 to 100 -100 to 200	R 1/8 R 1/4 (Option M: With M5 female thread)	Stainless steel Black melamine painted	Poly-carbonate	Brass	kPa	Cover ring assembly	P.1300
	Note 1) GZ46E						Poly-carbonate (Hard coated)	Brass (Electroless nickel plated)			

Note 1) External parts oil-free, Copper-free

Note 2) Please consult with SMC for other scale indication units and connecting thread "NPT".

Note 3) Possible for use in panel mounting.

Related Products

Compact Manometer

Pressure measurements can easily be taken any time, anywhere.



PPA P.1307