

Best Pneumatics 6 Pressure Gauge Guide

Pressure Gauge for General Purpose

	Outside diameter	Model	Type	Indication precision ±% FS	Pressure range MPa	Connection thread	Material			Indication ⁽¹⁾ unit	Attachment ⁽²⁾	
							Case	Clear cover	Stud			
	ø15	G15	Back side thread	5	0 to 1.0	R $\frac{1}{8}$ M5 (Female thread)	Zinc die-casted (Black graphite coated)	Poly-carbonate	Zinc die-casted (Black graphite coated)	MPa	—	Page 645
	ø26	G27	Back side thread		0 to 1.0	R $\frac{1}{16}$				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 $\frac{1}{8}$	Aluminum die-casted (Black disulfide molybdenum coated)	Poly-carbonate	Aluminum die-casted (Black disulfide molybdenum coated)	MPa	—	Page 646
		GA36	Vertical side thread				Rolled 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 $\frac{1}{8}$ R $\frac{1}{4}$	Aluminum die-casted (Black disulfide molybdenum coated)	Poly-carbonate	Aluminum die-casted (Black disulfide molybdenum coated)	MPa	Cover ring assembly	Page 648
		GA46	Vertical side thread			R $\frac{1}{8}$ R $\frac{1}{4}$	Rolled 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 0 to 0.7 0 to 1.0	R $\frac{1}{8}$	Stainless steel	Glass	Brass	MPa	—	Page 650
	ø43	G43	Back side thread			R $\frac{1}{8}$ R $\frac{1}{4}$						
With limit indicator Color zone type 	ø37.5	G36-L	Back side thread	3	0 to 0.2 0 to 0.4 0 to 1.0	R $\frac{1}{8}$	Rolled steel (Black melamine painted)	Poly-carbonate Nylon	Brass	MPa	—	Page 652
	ø42.5	G46-L				R $\frac{1}{8}$ R $\frac{1}{4}$						



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 contact 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 ⁽¹⁾ unit	Attachment ⁽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 $\frac{1}{8}$ R $\frac{1}{4}$	Rolled steel (Black melamine painted)	Poly-carbonate (Hard coated)	Brass (Electroless nickel plated)	MPa	Cover ring assembly	Page 654



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 ⁽¹⁾ unit	Attachment	
							Case	Clear cover	Stud			
	ø44	G49	Back side thread	3	0 to 0.4 0 to 0.7 0 to 1.0	R $\frac{1}{4}$	Zinc die-casted (Chrome plated)	Glass	Brass (Nickel plated)	MPa	—	Page 656



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	Connection thread	Material			Indication ⁽¹⁾ unit	Attachment
				MPa		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 0 to 1.5	R ¹ / ₈ R ¹ / ₄	Stainless steel (Black melamine painted)	Poly-carbonate (Hard coated)	Stainless steel	MPa	Cover ring assembly

Page 658



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	Connection thread	Material			Indication ⁽¹⁾ unit	Attachment ⁽²⁾
				MPa		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

Page 660



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

With limit indicator



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

Page 664



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.

Note 4) GZ46-K-01 to 02-C and C1 only

Related Products

Digital Pressure Sensor

Pressure sensor and switch in one compact body;
Economical use of space; Simplified operation;
Combined functions.



GS40 P. 666

Compact Manometer

Pressure measurements can easily be taken
any time, anywhere.



PPA P. 669