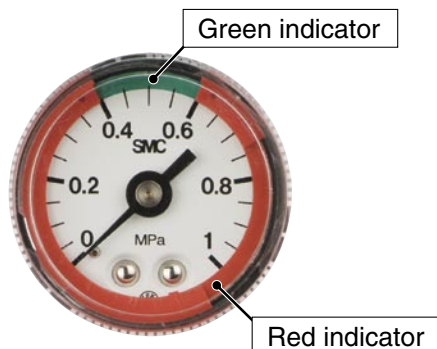
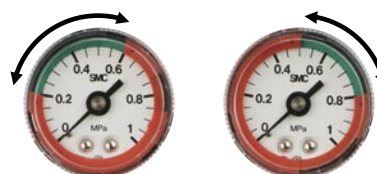


Pressure gauge with limit indicator / Colour zone type Series G36-L, G46-L

■ Red and green zones offer improved visibility of pressure control range.



The indicator adjusts to highlight preferred range



Standard Specifications

Model		G36-L	G46-L
Type		Back side thread	
Connection thread Note 1)		R1/8	R1/8, R1/4
Fluid Note 2)		Air	
Indication precision		± 3% F.S. (Full span) Note 3)	
Material	Case (Surface treatment)	Rolled steel plate (Black melamine coating)	
	Clear cover	Polycarbonate (Part no.: G36-00-00-3) Nylon (Part no.: G36-00-00-3N)	Polycarbonate (Part no.: G46-00-00-3) Nylon (Part no.: G46-00-00-3N)
	Socket	Brass	
	Bourdon's tube	Brass	
Weight (kg)		0.04	0.05

Note 1) When mounting a pressure gauge, use caution not to tighten excessively. Excessive tightening will cause the product to be damaged.

Use a pipe tape for sealing.

Recommended tightening torque: R1/8: Set between 7 and 9 N·m, R1/4: 12 and 14 N·m respectively.

Note 2) When using other fluids, please consult SMC for compatibility information concerning corrosion etc.

Note 3) At 20°C ±5°C. At any other temperature ±6% F.S.

Model (Standard)

Model	Pressure range ^{Note)}	Green zone setting range		Indication unit	Connection thread	Note
	MPa	Min. setting range MPa	Max. setting range MPa			
G36-2-01-L□	0 to 0.2	0.01	0.1	MPa	R1/8	—
G36-4-01-L□	0 to 0.4	0.02	0.2			
G36-10-01-L□	0 to 1.0	0.05	0.5			
G46-2-01 to 02-L□	0 to 0.2	0.01	0.1		R1/8, 1/4	
G46-4-01 to 02-L□	0 to 0.4	0.02	0.2			
G46-10-01 to 02-L□	0 to 1.0	0.05	0.5			

Note) Do not apply more pressure than the max. pressure display. It will be a cause of malfunction.

Model (Made to Order)

Model	Pressure range ^{Note 1)}		Green zone setting range		Indication unit	Connection thread	Note
	MPa	psi	Min. setting range MPa (psi)	Max. setting range MPa (psi)			
G36-P2-01-L□-X30	0 to 0.2	0 to 30	0.01 (2)	0.1 (14)	MPa, psi	R1/8	—
G36-P4-01-L□-X30	0 to 0.4	0 to 60	0.02 (4)	0.2 (28)			
G36-P10-01-L□-X30	0 to 1.0	0 to 150	0.05 (10)	0.5 (70)			
G46-P2-01 to 02-L□-X30	0 to 0.2	0 to 30	0.01 (2)	0.1 (14)		R1/8, 1/4	
G46-P4-01 to 02-L□-X30	0 to 0.4	0 to 60	0.02 (4)	0.2 (28)			
G46-P10-01 to 02-L□-X30	0 to 1.0	0 to 150	0.05 (10)	0.5 (70)			

Note 1) Do not apply more pressure than the max. pressure display. It will be a cause of malfunction.

Note 2) This will no longer be sold for use in Japan after the new Weight and Measure Act is implemented. (Only SI units are used for the Japanese market.)

Series G36-L, G46-L

How to Order

G36-10-01-L

Size

Symbol	Outside diameter
36	ø37.5
46	ø42.5

Maximum display

Symbol	Unit
2	0.2 MPa
4	0.4 MPa
10	1.0 MPa
P2 (Note)	0.2 MPa, 30 psi
P4 (Note)	0.4 MPa, 60 psi
P10 (Note)	1.0 MPa, 150 psi

Note) This symbol must be used with Option "X30".

Made to order specification

Symbol	Specification
—	—
X30 (Note)	With MPa/psi units

Note) This will no longer be sold for use in Japan after the new Weight and Measure Act is implemented. (Only SI units are used for the Japanese market.)

Clear cover material

Symbol	Material
—	Polycarbonate
N	Nylon

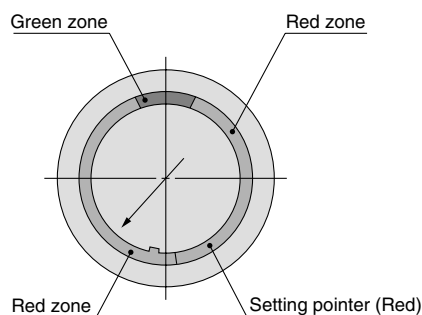
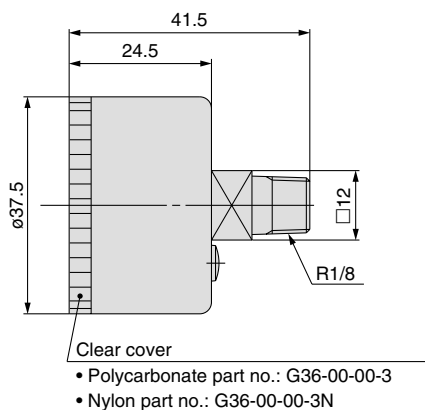
Colour zone type

Connection thread

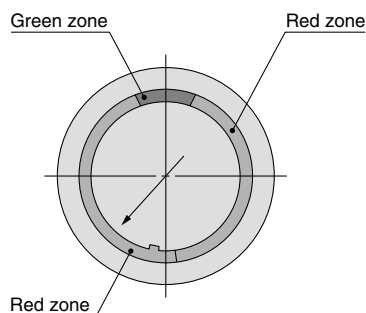
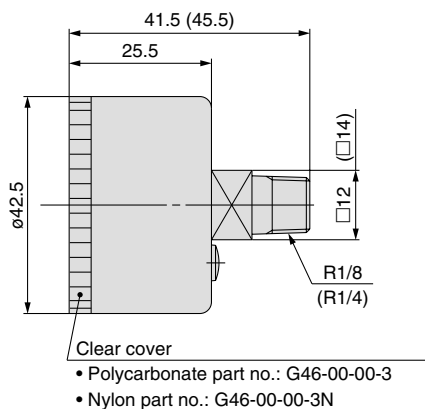
Symbol	Size	Body size	
		G36	G46
01	R1/8	●	●
02	R1/4	—	●

Dimensions

G36



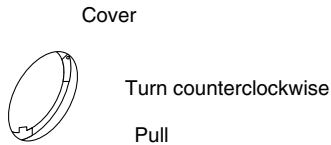
G46



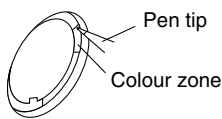
The dimensions in (): Connecting thread

Procedure for Setting the Limit Gauge Indicator / Colour Zone Type

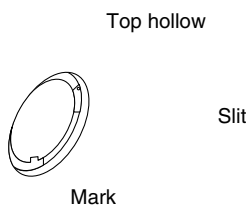
- (1) Before setting the (red) colour zone, turn the cover counterclockwise (approximately 6 to 7 mm) until it stops. Then, remove by pulling it towards you.



- (2) Use a pen tip to set the (red) colour zone indicator. Be careful not to bend the other needle or damage the dial plate.



- (3) After completing the setting, replace the cover. Fit the cover by aligning the cutout in the cover to the groove on the top of the black case. Turn the cover clockwise (approximately 6 to 7 mm) until it stops. Make sure that the matching mark on the cover is aligned with the groove on the top of the case.



⚠ Precautions

Be sure to read before handling.
Refer to Precautions for Handling Pneumatic Devices (M-03-E3A) for Safety Instructions and Common Precautions.

Selection

⚠ Caution

1. Make sure that no direct impact or vibrations are applied to the body.
2. If operating under pressure pulsations or under high frequency operations, please contact SMC.

Mounting

⚠ Caution

1. During transport and installation, do not apply shock to the product, such as dropping. Doing so will affect its precision.
2. Regarding the installation posture, place it perpendicular to the ground, with the zero point on the reading of the pressure gauge facing down.
3. Do not install it in areas that are exposed to high temperatures or humidity, because doing so will lead to improper operation.
4. To screw in the pressure gauge, make sure to turn the gauge by placing a wrench over the square wrench flats.

If the pressure gauge is screwed in by holding it on some other area, air leakage or damage may result.



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