

# Maclaren Products Ltd

## Type SM47 Series of solenoid Gas Valve, Class A, Rp 1/8 or 1/4

### Features

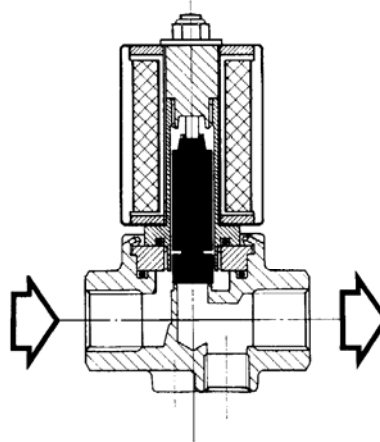
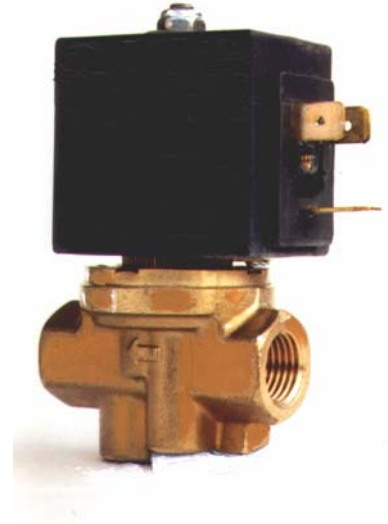
- Approved to EN 161
- Connections: BS21, ISO 7-1
- Replaceable solenoid coil
- Voltages 230, 110/120, 24 Volt 50/60 Hz or 24, 12 Volt DC
- Solenoid for DC is supplied without Rectifier

### Optional Features

- Solenoid coil with 2 tab and earth or 3 tab terminals
- By-pass
- Rp 1/8 outlet pressure tap connection.
- M4 mounting holes

*Typical applications for the SM47 single gas solenoid valve include commercial and domestic gas burners and control of gas fires and pilot burners etc.*

*The SM47 valve consists of a brass body on which is mounted a magnetic coil. It has a soft seating for tight shut-off at low-pressure gas service. The valve is normally closed and opens when energised.*



Rp 1/8 Outlet pressure connection  
or pressure tap (optional)

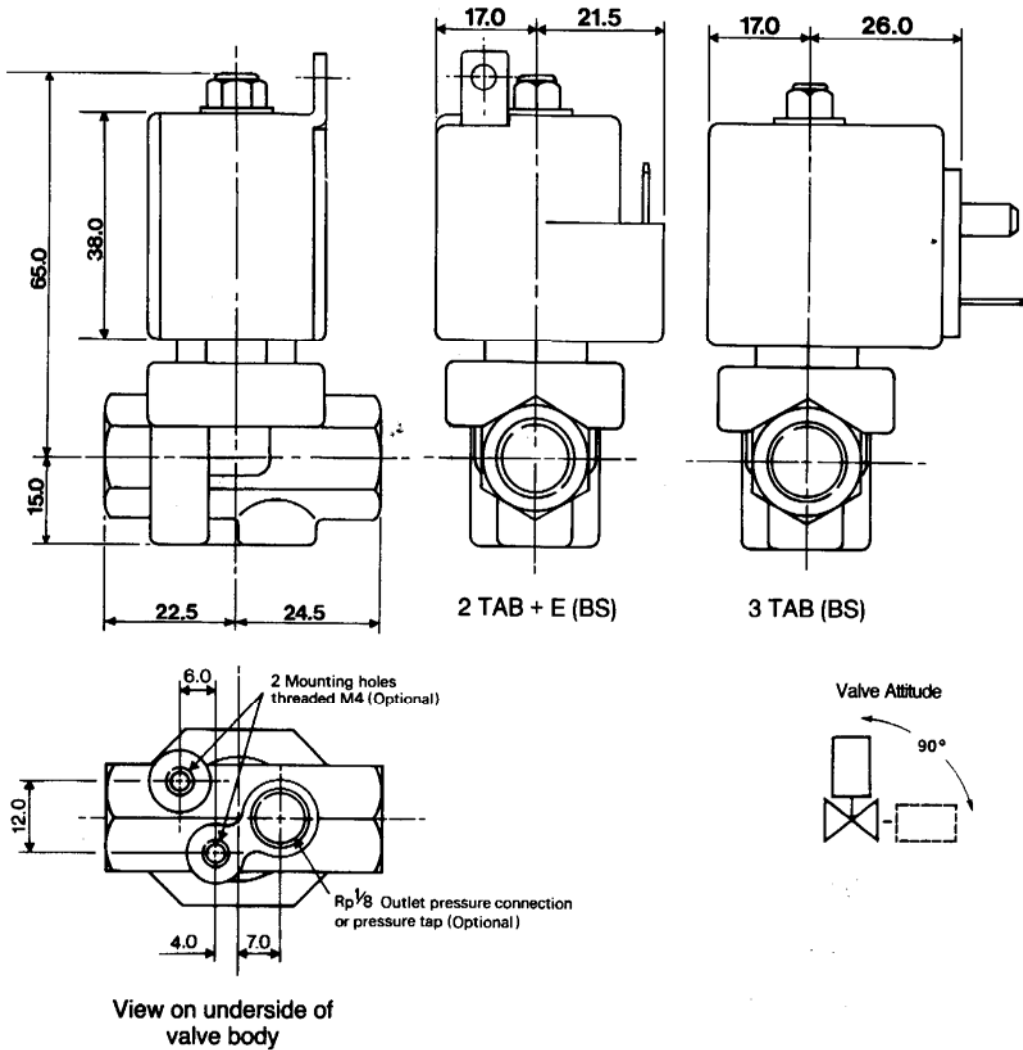
### Specification

<b>Product</b>	: Class A Group2
<b>Media</b>	1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> family gases
<b>Ambient Temp. range</b>	: -15° to 80°C
<b>Opening Time</b>	: < 1 second
<b>Closing Time</b>	: < 1 second
<b>Working Pressure</b>	: 360mbar
<b>Electrical Rating</b>	: 9VA
<b>Body Material</b>	: Stamped Brass
<b>Seat Material</b>	: Viton
<b>Pipe Connections</b>	: Rp 1/8 Or Rp 1/4
<b>Mounting Position</b>	: See diagram overleaf
<b>Orifice Diameter</b>	: 7.0 mm

Flow Rates (Natural Gas Sg 0.6)	Pipe Connections	
	Rp 1/8	Rp 1/4
At 2.5 mbar ΔP	1.50 m <sup>3</sup> /hr	1.75 m <sup>3</sup> /hr

Dimensions (mm)

Electrical Terminal Options



**Users are reminded of their responsibility to ensure that controls are used safely, without risk to health and in compliance with local laws and regulations.**

Table 1 Catalogue Numbers

Catalogue Number	Pipe Size	Voltage	Coil	Features
<b>Examples:-</b>				
SM473-0700-VA01	Rp 1/8	230v 50/60 Hz	3 Tab (BS)	
SM474-0700-VA01	Rp 1/4	230v 50/60 Hz	3 Tab (BS)	
SM474-0704-VA01	Rp 1/4	230v 50/60 Hz	3 Tab (BS)	Rp 1/8 p.tap

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