

MINIATURE REGULATOR

for air or water
G 1/8 and G 1/4

Series
342



SPECIFICATION

FLUID CONTROLLED	: Filtered compressed air, neutral gases and water
PORTS	: G 1/8 - G 1/4
MAX. INLET PRESSURE	: 12 bar
ADJUSTMENT RANGES	: 0,2 - 3 bar, 0,5 - 10 bar (0,3 - 6 bar / water)
AMBIENT TEMPERATURE	: -10°C to +60°C
MAX. FLOW (Qv at 6 bar)	: 500 l/min - 650 l/min (ANR)
HYSTERESIS	: 0,350 bar
SELF-RELIEVING REGULATOR (for air or neutral gases)	
WITHOUT SELF-RELIEVING REGULATOR (for water)	

CONSTRUCTION

Rolling membrane regulation device (very low hysteresis)

Core and seals of nitrile (NBR)

Body and bonnet of glass fibre reinforced polyamide (PA + FG)

Pressure control button with "pull-turn-push" locking system

Flow direction indicated by arrow

Two G 1/8 ports provided for a pressure gauge on the regulator (+ 1 blanking plug)

Miniature regulator mounting options:

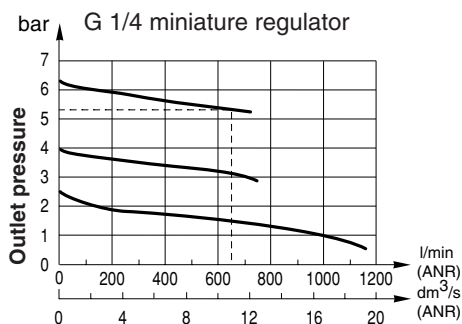
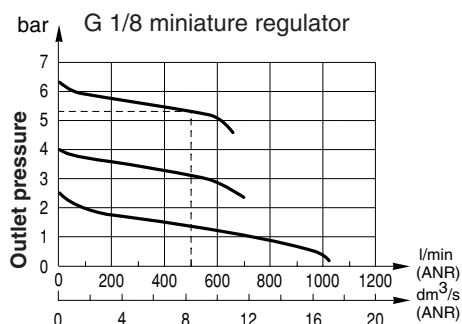
- direct mounting with two 4 mm dia. screws through the 40 mm long holes in the body (screws not supplied)
- panel mounting (30,5 mm dia.) using the mounting ring supplied with each regulator
- mounting by bracket at top (accessory)

CHOICE OF EQUIPMENT

Air or neutral gases version				
Port size	Maximum flow at 6,3 bar at setpoint pressure and ΔP of 1 bar / setpoint		CODES	
	l/min (ANR)	dm ³ /s (ANR)	Adjustment range	
G 1/8	500	8,5	34200312	34200311
G 1/4	650	11	34200314	34200313

Water version				
Port size	Flow coefficient Kv		CODES	
	m ³ /h	l/min	Adjustment range	
G 1/8	0,37	6,2	34202048	34202050
G 1/4	0,46	7,6	34202049	34202051

PRESSURE LOSS VERSUS AIR FLOW CURVES



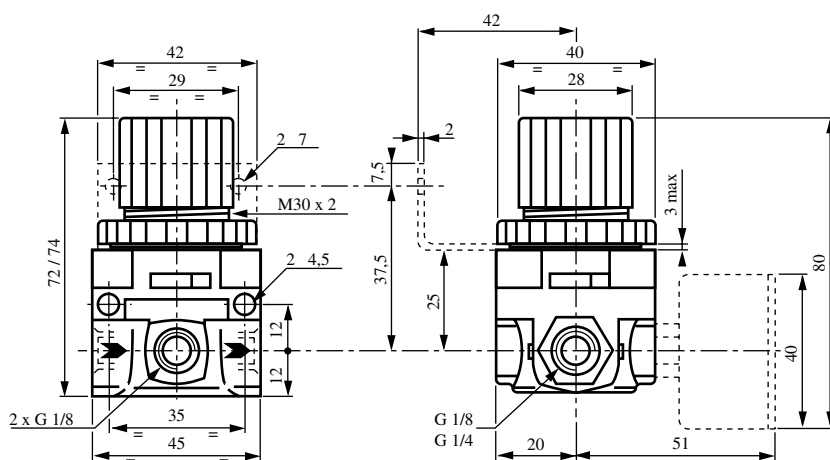
ACCESSORIES (valid for air or water)

- 40 mm dia. pressure gauge: 0-4 bar code: **34300015**
0-12 bar code: **34300041**
- Top mounting bracket: code: **34300016**

DIMENSIONS AND WEIGHTS

Weights G 1/8: 118 g

G 1/4: 108 g





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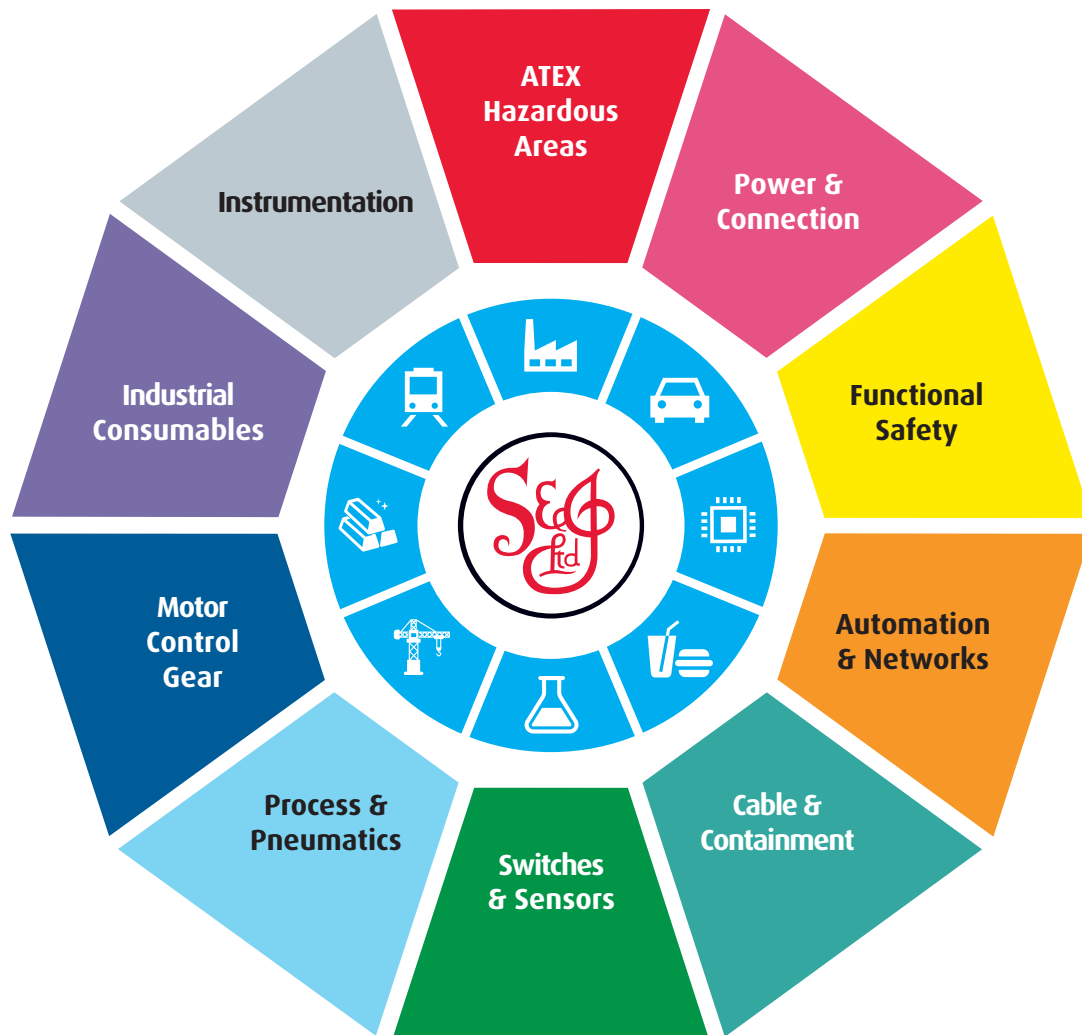
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