

Preparation of compressed air → Maintenance units and components

★ Filling valve, pneumatically operated, Series AS5-SSV

G 3/4 - G 1



00128862

Version
 Sealing principle
 Working pressure min./max.
 Ambient temperature min./max.
 Medium temperature min./max.
 Medium
 Particle size max.

Poppet valve, Can be assembled into blocks
 soft sealing
 2.5 bar / 16 bar
 -10 °C / +50 °C
 -10 °C / +50 °C
 Compressed air
 5 µm

Materials:
 Housing
 Seals
 Front cover
 Threaded bushing

Polyamide
 Acrylonitrile Butadiene Rubber
 Acrylonitrile butadiene styrene
 Die cast zinc

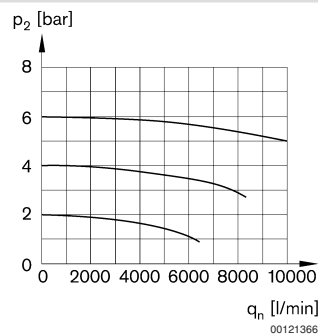
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.

	Port	Qn [l/min]	Note	Weight [kg]	Part No.
	G 3/4	10000	-	0.43	R412009272
	G 1		-		R412009273
	G 1		1)		R412009275

1) With adjustment screw lock
 Nominal flow with secondary pressure 6,3 bar at $\Delta p = 1$ bar

Flow rate characteristic



p2 = secondary pressure
 qn = nominal flow