

Preparation of compressed air → Maintenance units and components

★ 3/2-way valve, electrically operated, Series AS5-SOV

G 3/4 - G 1; pipe connection; Electr. connection: Plug, ISO 15217, form C; ATEX optional



00133928

Version

Sealing principle

Working pressure min./max.

Ambient temperature min./max.

Medium temperature min./max.

Medium

Particle size max.

Materials:

Housing

Seals

Front plate

Threaded bushing

Poppet valve, Can be assembled into blocks
soft sealing

2.5 bar / 10 bar

-10 °C / +50 °C

-10 °C / +50 °C

Compressed air

5 µm

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.
- ATEX optional: The ATEX ID depends on the selected pilot valve.

Operating voltage			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
			W	VA	VA	VA	VA
24 V	-	-	2	-	-	-	-
-	110 V	110 V	-	2.2	1.6	1.6	1.4
-	220 V	230 V	-	2.2	1.6	1.6	1.4

		Port	Ex- haust	Operating voltage			Qn			Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz		1►2	2►3			
							[l/min]			[kg]		
		G 3/4	G 1/2	24 V	-	-	12500	12500	3700	0.677	1); 2); 4)	R412009265
		G 3/4		-	110 V	110 V				0.677	1); 2); 4)	R412009266
		G 3/4		-	220 V	230 V				0.677	1); 2); 4)	R412009267
		G 3/4		-	220 V	230 V				0.641	5); 7)	R412009264
		G 3/4		-	220 V	230 V				0.62	1); 6)	R412009258
		G 1		24 V	-	-				0.677	1); 2); 4)	R412009269
		G 1		-	110 V	110 V				0.677	1); 2); 4)	R412009270
		G 1		-	220 V	230 V				0.677	1); 2); 4)	R412009271
		G 1		-	220 V	230 V				0.641	5); 7)	R412009268
		G 1		24 V	-	-				0.65	1); 3)	R412009291
		G 1		-	220 V	230 V				-	1); 6)	R412009259

1) IP65 (EN60529)

2) For electrical connector according to ISO 15217 (form C)

3) Port M12x1

4) Basic valve with pilot valve

5) Basic valve without pilot valve

6) Basic valve without pilot valve, with CNOMO subbase

7) ATEX optional

Electr. connection: Plug; ISO 15217, form C

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

★ Core products - preferably for new constructions, worldwide service

● Service products - existing standard program, worldwide service

Pneumatics catalog, online pdf, as of 2008-11-25, © Bosch Rexroth AG