Valve systems → Supplementary products

2x3/2-way valve, Series LS04-SW

► Qn = 175 - 315 l/min ► plate connection, pipe connection ► compressed air connection output: Ø 4 - Ø 6 ► Can be assembled into blocks ► Manual override: with detent

00128760

Version	Spool valve, zero overlap
Pilot	external
Sealing principle	soft sealing
Blocking principle	Plate principle
Working pressure min./max.	-0.9 bar / 8 bar
Control pressure min./max.	3 bar / 8 bar
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³ With collective pilot air exhaust
Protection class acc. to DIN EN 61140 electrically	Class III
Degree of protectionwith electrical connector/plug	IP 20
Protective circuit	Z-diode
Status display LED	Yellow
Duty cycle	100 %
Switch-on time	14 ms
Switch-off time	20 ms
Generic emission standard in accordance with	EN 61000-6-4:2002
Generic immunity standard in accordance with	IEC 61000-6-2:2005
Materials:	
Housing	Polyamide; Polyoxymethylene
Seals	Acrylonitrile Butadiene Rubber; Hydrogenated nitrile butadiene rubber; Polyurethane

Technical Remarks
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
■ The oil content of compressed air must remain constant during the life cycle.
■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage	Voltage tolerance	Power consumption
DC	DC	DC
		W
24 V	-10% / +10%	0.7

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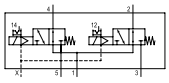
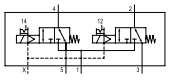
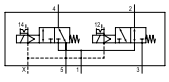
		MO	Compressed air connection	Operating voltage	Flow conductance		Flow rate value	Weight	Part No.
			Output	DC	b	C	Qn		
						[l/(s*bar)]	[l/min]	[kg]	
	NO/NO		Ø 4	24 V	0.4	0.8	175	0.054	R422101315
			Ø 6		0.25	1.4	290		**R422101316**
	NC/NC		Ø 4	24 V	0.4	0.8	175	0.054	R422101319
			Ø 6		0.17	1.5	315		**R422101320**
	NC/NO		Ø 4	24 V	0.4	0.8	175	0.054	R422101323
			Ø 6		0.2	1.5	290		R422101324

MO = Manual override
Nominal flow Qn at 6 bar and Δp = 1 bar