

3/2 way Solenoid Valve for high temperatures, G 1/4

- Seat valve direct acting
- Media temperature up to + 180 °C
- Push-over solenoid system
- For gases and fluids

Type 0355 can be combined with...



Type 2508

Cable plug



Type 1078

Timer unit



Type 2511

ASI cable plug

Direct-acting plunger solenoid Type 355 for neutral gases and liquids.
Also suitable for high temperatures, such as hot water, hot air, steam.

Technical data

Orifice	DN2.0 ... 4.0
Body materials	Brass with stainless steel seat 1.4305, Stainless steel 1.4581
Coil material	Epoxy
Coil insulation class	H
Inner part of valve	Stainless steel
Seal material	NBR, FKM, PTFE, EPDM
Media NBR EPDM FKM PTFE	Neutral fluids, hydraulic oil, oil without additives Oil and fat-free fluids Per-solutions, hot oils with additives Steam, organic solvents
Media temperature NBR EPDM FKM PTFE	- 10 ... + 90 °C - 40 ... + 130 °C 0 ... + 130 °C - 40 ... + 180 °C
Ambient temperature	Max. + 55 °C
Voltage tolerance	± 10 %
Duty cycle	100 % continuous rating
Electrical connection	Tag connector acc. to DIN EN 175 301- 803 Form A (previously DIN 43650) for cable plug Type 2508 (supplied as standard)
Protection class	IP65 with cable plug
Installation	As required, preferably with actuator upright

Power consumption

Inrush AC [VA]	Hold (hot coil)	
	AC [VA/W]	DC [W]
35 ... 40	16/10	ca. 12

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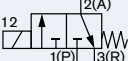
**сайт: burkert.pro-solution.ru | эл. почта: btk@pro-solution.ru
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Materials

	Stopper:	1.4105
	Locknut:	Steel (thick-film passivated acc. Rohs)
	Coil:	Epoxy
	Valve Seat:	1.4305
	Shading ring:	Copper (MS version), only AC
		Silver (SS version), only AC
	Seal:	EPDM, NBR, PTFE, FKM
	Spring:	1.4310
	Plunger:	1.4105
	Seal:	EPDM, NBR, PTFE, FKM
	Valve Seat:	1.4305
	Body:	Brass or stainless steel 1.4581

Ordering chart for valves (other versions on request)

Brass or stainless steel body, all valves with cable plug

Circuit function	Port connection	Orifice [mm]	K _v value water [m³/h]	Pressure range [bar]	Seal material	Item no. per voltage/frequency [V/Hz]		
						024/DC	024/50	230/50
C 3/2 way, valve NC 	Brass body							
	G ¼	2.0	0.11	0 ... 16	EPDM	—	—	066007 
					NBR	043089 	026069 	068078 
				0 ... 14	PTFE	062188 	049998 	049025 
		3.0	0.2	0 ... 10	FKM	064392 	—	126056 
					NBR	068557 	017668 	061174 
				0 ... 8	PTFE	052665 	067817 	054885 
		4.0	0.4	0 ... 5	FKM	—	—	046655 
					NBR	061104 	019095 	061019 
					PTFE	052078 	065552 	058403 
	Stainless steel body							
	G ¼	4.0	0.4	0 ... 5	PTFE	—	—	021253 
					FKM	—	—	066759 

• Valves with brass body have a pressed in stainless steel seat 1.4305.

Further versions on request

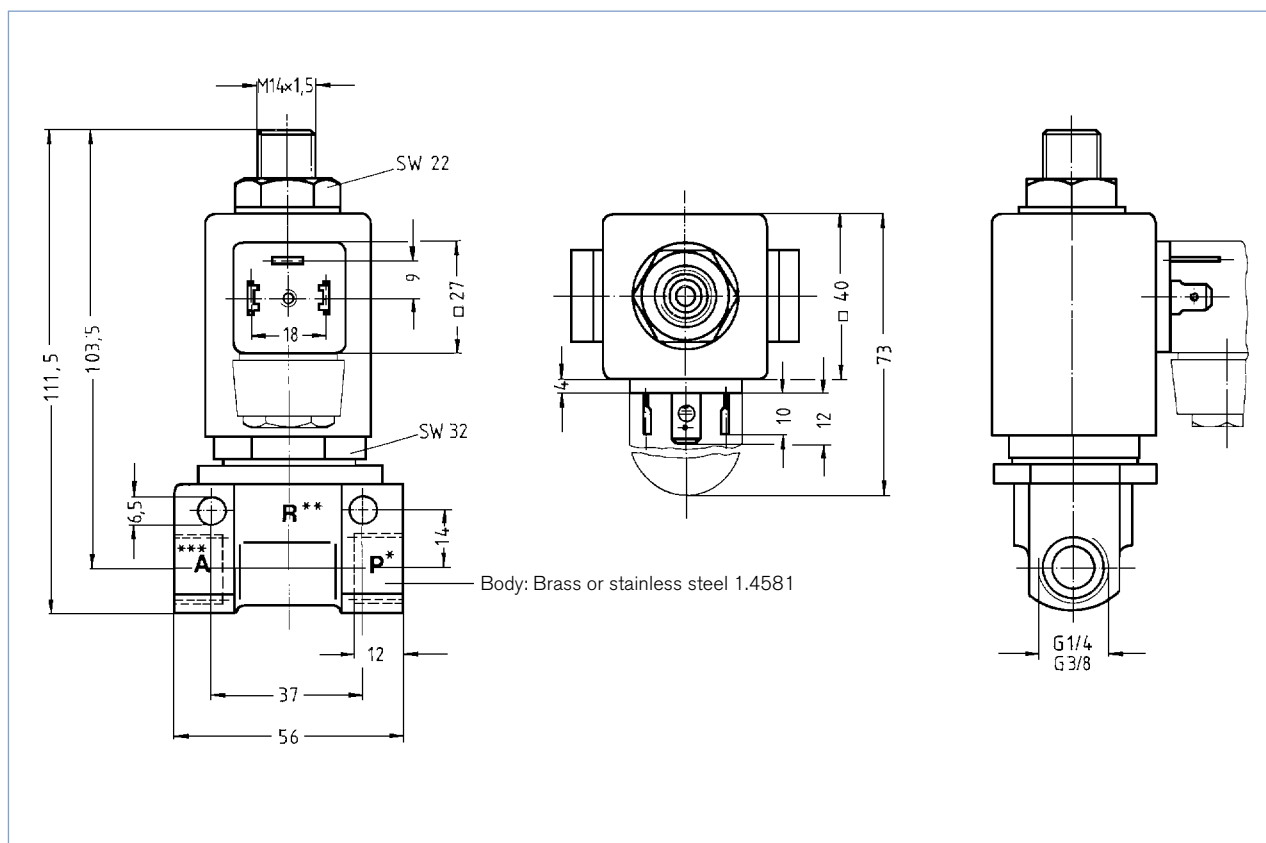
Circuit function
Circuit functions D and E on request

 Material
Further valve combinations (body and seal material)

 Voltage
110/50, 240/50, non-standard voltages

 Approvals
UL, UR, CSA

Dimensions [mm]



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