NACHI

PRESSURE SWITCH MODULAR VALVE

Pressure Switch Modular Valve

50 ℓ /min 25MPa



Features

- (1) This modular valve detects pressure changes inside the hydraulic circuit and opens and closes an electrical circuit accordingly.
- 2)High precision detection, high precision

Specifications

circuit control, outstanding reliability.

- ③Maximum operating pressure: 25MPa {255kgf/cm²}
- (4)Indicator light built into the DIN connector shows operational status at a

glance.

(5) A double type is also available for control of both port A and port B in a compact configuration.

	Model No.		Diameter (Size)	Pressure MPa{kgf/cn	n²}	Rat l /n	te nin		Range MPa{kgf/cm ² }	Weight kg	Gasket Surface Dimensions		
OW-G01-PC-R-**-30 P1 P3								0 0. 3	.5 to 3.5{ 5.1 to 35.7} .8 to 7{ 8.2 to 71.4} .5 to 21{35.7 to 214}	1.8			
OW-G01-AC-R-**-30 A1 A3 OW-G01-BC-R-**-30 B1 B3			4.0	05(055)		50		0 0. 3	5 to 3.5{ 5.1 to 35.7} 8 to 7{ 8.2 to 71.4} 1.8 5 to 21{35.7 to 214}				
			1/8	25{255}		50	0		.5 to 3.5{ 5.1 to 35.7} .8 to 7{ 8.2 to 71.4} .5 to 21{35.7 to 214}	1.8	- ISO 4401-03-02-0-94		
(DW-G01-WC-R-**-30 W1 W3							0 0 3	.5 to 3.5{ 5.1 to 35.7} .8 to 7{ 8.2 to 71.4} .5 to 21{35.7 to 214}	2.6			
E	Electrical	•			125	V	5A		•	Handling	·		
	Specifications Micro Switch	Contact Capacitance (Resistive Load)		aC e	250	V	ЗА		1 See the detailed explanation on the				
M	Manufacturer:			DC	14V	5A			next page for information about wiring inside connectors.				
	Omron Model No. SS-5			20	30V		4A		2 Contacts are normally open type only				
		Me	chanical Life	At least 1 × 10 ⁷					not normally closed type.				
		Electrical Life		At least $3 \times 10^{\circ}$ (AC, 0.1A, $\cos \phi = 1$)					wiring is also required to illuminate the				
									indicator light. See the wiring diagram for more information				
	Dperating Environment	Allow	ahle Onerating Frequency	60 times/minute (electrical)					4 If the DIN connector interferes with				
(Dust Resistance/Water		JIS C0920 IP64					other valves, remove the two switch				
E		Ambient Temperature		-20°C to 70°C (non-condensation)					lation orientation. If interference is				
		Pin	Fluid Temperature	-20°C to 70°C Use a flui			uid	caused in all orientations, install an					
	Allowable Viscosit Range Filtration		Allowable Viscosity Range	15 to 300mm²/s{		{cSt} both i		vithin nges.		connector. Contact your agent if a			
			Filtration	25μm maximum					interference blanker plate is required.				
	Understa	an	ding Mod	del Nu	mk	bers			t	or is required.	The DIN connector is		
6)W - G 01 - I	P 1	_ (K)R _ D2	- 30					r t	he SA type sole	eable with the one for enoid valve.		
_		ΤT		<u> </u>	امتعمر	n number			61	f you cannot re	move the DIN connec-		
					Bower supply specification				tor when wiring, remove the switch installation bolts and then remove the				
					D2: DC type DC12V to DC24V DIN connector. The tightening								
				C2: AC type AC100V to AC				to AC	for the installation bolts is 5 to 7Nm {51				
				K: With manual handle (optional)									
			I	Pressure ad	ljustm	ent range	e C: 0.5 1 : 0.8 3 : 3.5	to 3.5 to 7N to 21	MPa(5.1 to 35.7kgf/c IPa(8.2 to 71.4kgf/cn MPa(35.7 to 214kgf/c	cm²) h²) cm²)			
Control port P: P port A: A port B: B port W: A, B ports													
			Nominal d	iameter (siz	e) 01								
			Mounting me	ethod G: Ga	sket	type							
			Pressure switch	modular va	lve								





OW-G01-W*-R-*2-30







Seal Part List (Kit Model Number BRCS-01W*)

Part	Part Name	Part Number	Q'ty				
No.	ranname		Р	W	А	В	
21	O-ring	1A-P3	1	2	1	1	
22	O-ring	AS568-011(Hs90)	1	2	1	1	
23	O-ring	1B-P9	4	4	4	4	
24	O-ring	AS568-019(Hs70)	1	2	1	1	
25	O-ring	AS568-022(Hs70)	1	2	1	1	
26	O-ring	1A-P15	1	2	1	1	
27	O-ring	1B-P22	1	2	1	1	
Note) Sp	pecify P, W, A, or B for the a	asterisk (*) in the kit model r	number.				

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