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

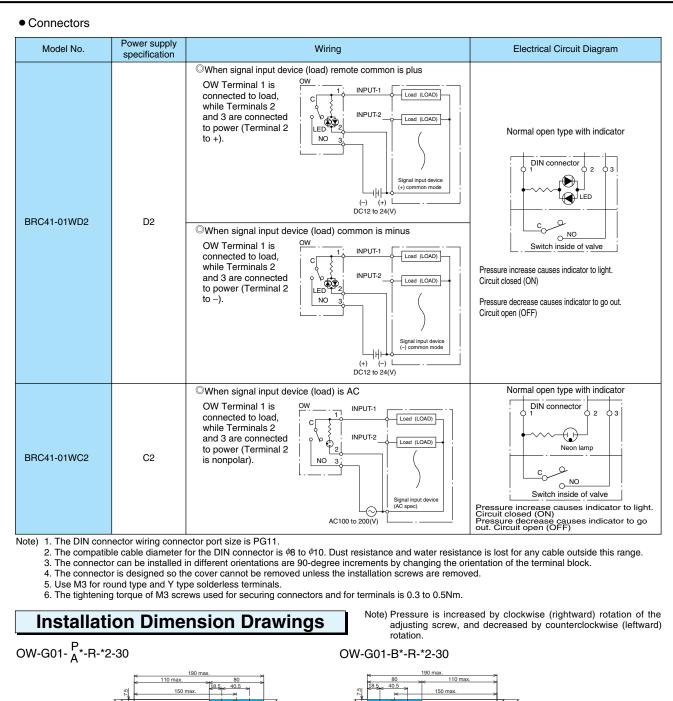
circuit control, outstanding reliability.

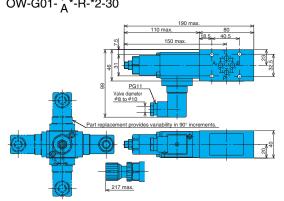
- ③Maximum operating pressure: 25MPa {255kgf/cm²}
- ④Indicator light built into the DIN connector shows operational status at a

glance.

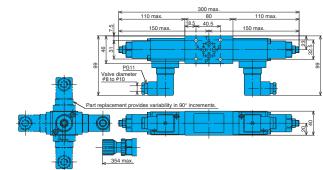
(5) A double type is also available for control of both port A and port B in a compact configuration.

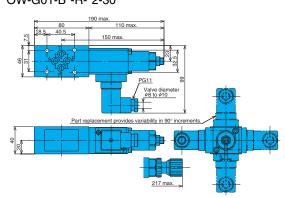
Model No.		Nominal Diameter (Size)	Maximum Wo Pressure MPa{kgf/cn		Maximur Rat ℓ /n	te	Pı	ressure Adjustment Range MPa{kgf/cm²}	Weight kg	Gasket Surface Dimensions		
OW-G01-PC-R-**-30 P1 P3	P1 P3						0	.5 to 3.5{ 5.1 to 35.7} .8 to 7{ 8.2 to 71.4} 1.8 .5 to 21{35.7 to 214}				
OW-G01-AC-R-**-30 A1 A3		1/8	25(255)		50		0.5 to 3.5{5.1 to 35.7} 0.8 to 7{8.2 to 71.4} 3.5 to 21{35.7 to 214}		1.8	ISO 4401-03-02-0-94		
OW-G01-BC-R-**-30 B1 B3		1/0	25{255]	ł	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	150 440 1-05-02-0-94		
OW-G01-WC-R-**-30 W1 W3							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}	2.6			
Electrical Specifications Micro Switch Manufacturer: (Resistive Load) Omron Model No, SS-5		AC 125V 250V			5A 3A		 Handling See the detailed explanation on the 					
		esistive Load)	DC 14V 30V			5A 4A		in	next page for information about wiring inside connectors. 2 Contacts are normally open type only.			
Woder No. 33-5	Me	chanical Life	At least 1 × 10 ⁷					not normally closed type. 3 In addition to load wiring, power supply wiring is also required to illuminate the indicator light. See the wiring diagram				
	Ele	ectrical Life	At least 3×10 ⁶ (AC,0.1A,cos <i>φ</i> =1)									
	Co	ntact Resistance	$30M\Omega$ maximum (initial value)									
Insulation Resistance		At least 100MΩ					for more information.					
	Allow	vable Operating Frequency	60 times/m	ninute	(electrical)				emove the two switch		
Operating		t Resistance/Water iistance Rank	JIS C0920 IP64					installation bolts and change the instal-				
Environment	Am	bient Temperature	-20°C to 70	0°C (r	non-conde	nsation)				ion. If interference is		
	Fluid	Fluid Temperature	-20°C to 70°C Use a fluid					caused in all orientations, install an interference blanker plate on top of the				
	Operating F	Allowable Viscosity Range	15 to 300mm ² /s		that is s{cSt} both ra			connector. Contact your agent if an				
	Opera	Filtration	25µm max	imum		I		in	iterference blai	nker plate is required. cial type of DIN connec-		
Underst	an	ding Moo	del Nu	mk	oers			to	or is required.	The DIN connector is eable with the one for		
<u>OW</u> – <u>G</u> <u>01</u> –	<u>P 1</u>	<u> </u>	<u> </u>						e SA type sole			
				Desig	n number					g, remove the DIN connec-		
			Pov	D2:	upply spec DC type AC type 2	DC12V	to DC	in 24V D	stallation bolts	s and then remove the The tightening torque on bolts is 5 to 7Nm {51		
				indic	ator light (ual handle	(standar	d)	10	71kgf/cm}.			
		I	Pressure ad	justm	nent range	1:0.8	to 7N	5MPa(5.1 to 35.7kgf/cr 1Pa(8.2 to 71.4kgf/cm ² MPa(35.7 to 214kgf/cr	²)			
		Contro	ol port P: P W: A			B: B po	ort					
		Nominal d	iameter (siz	e) 01	I							
		Mounting me	ethod G: Ga	sket	type							
		Pressure switch	modular va	lve								
										D-5		

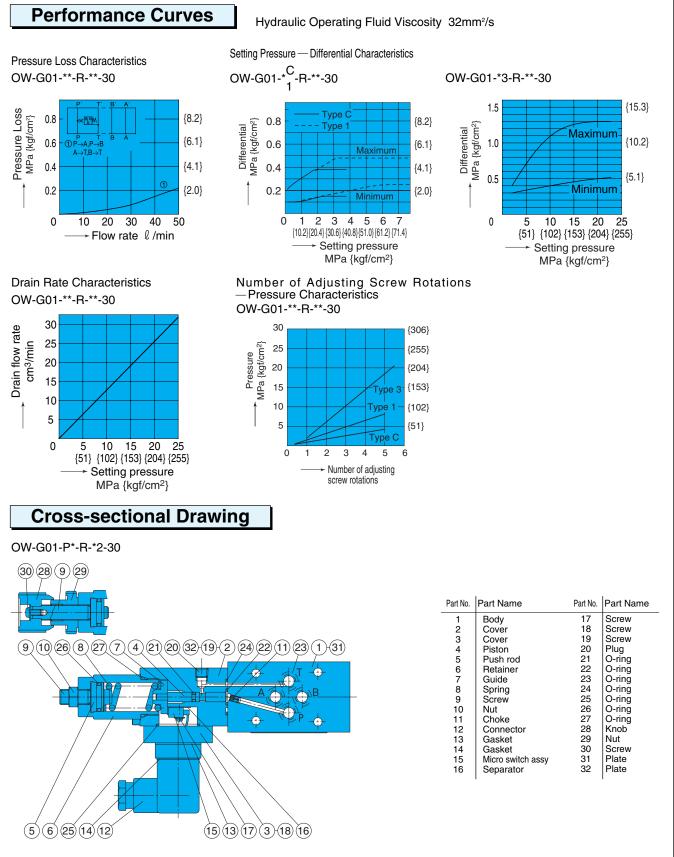




OW-G01-W*-R-*2-30







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

Part	Part Name	Part Number		C	l'ty	
No.	ranname	i art Number	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	becify P, W, A, or B for the a	asterisk (*) in the kit model I	number.			

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Valv

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