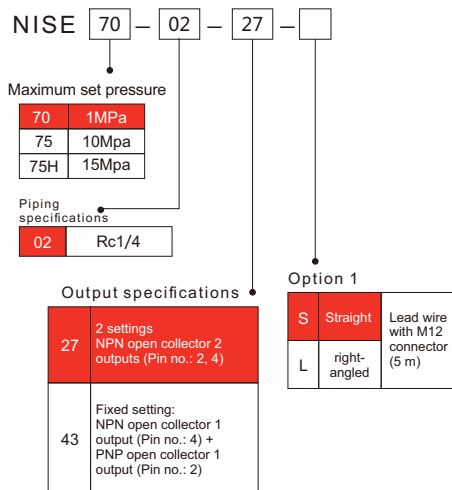




### Standard Specifications

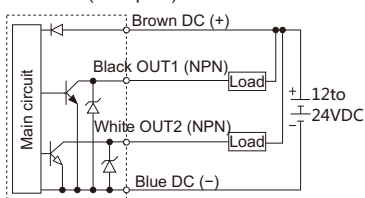


### Option/Part No.

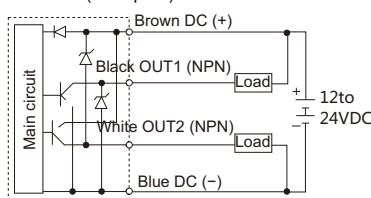
Option	Note
NZS-31-A	Bracket B and the bracket assembly make up one set.
NZS-31-B	Lead wire length: 5 m
NZS-31-C	Lead wire length: 5 m

### Internal Circuits and Wiring Examples

#### -27 NPN (2 outputs)



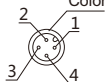
#### -43 NPN (2 outputs)



Connector pin number  
Output -27  
(Color: Gray)

1 Brown	DC(+)
2 White	OUT2 (NPN or PNP)
3 Blue	DC(-)
4 Black	OUT1 (NPN or PNP)

Note) The connector faces down (toward the piping). Do not attempt to rotate the connector, as it is not rotatable



Output -43  
(Color: Gray)

1 Brown	DC(+)
2 White	OUT1(PNP)
3 Blue	DC(-)
4 Black	OUT1(NPN)

### Standard Specifications

Model		NISE70	NISE75	NISE75H
Rated pressure range		0 ~ 10 Mpa	0 ~ 10 Mpa	0 ~ 15 Mpa
Pressure display range		-0.1 ~ 1 Mpa	-0.4 ~ 10 Mpa	-0.5 ~ 15 Mpa
Pressure display resolution		0.01 Mpa	0.01 Mpa	
Applicable fluid		Air, Non-corrosive gas, Non-flammable gas	流体不腐蚀不锈钢SUS304及SUS630	
Power supply voltage		12 to 24 VDC±10%, Ripple (p-p) 10% or less (with power supply polarity protection)		
Current consumption		555 mA or less (at no load)		
Switch output		Output -27: 2 settings; NPN open collector 2 outputs (Pin no.: 2, 4)		
		Output -43: Fixed setting; NPN open collector 1 output (Pin no.: 4) + PNP open collector 1 output (Pin no.: 4)		
Max. load current		80mA		
Max. applied voltage		30 V (at NPN output)		
Residual voltage		1 V or less (with load current of 80 mA)		
Response time		2.5 ms (with anti-chattering function: 20 ms, 160 ms, 640 ms, 1000 ms, 2000 ms)		
Short circuit protection		With short circuit protection		
Repeatability		±0.5%F.S.		
Hysteresis	Hysteresis mode	Variable (0 or above)		
	Window comparator mode			
Display		3-digit, 7-segment indicator, 2-color display (Red/Green) can be interlocked with the switch output, Sampling cycle: 5 times/ s		
Display accuracy		2%F.S.±1 digit (at 25°C±3°C)		
Indicator light		OUT1: Light up when output is turned ON. (Green) OUT2: Light up when output is turned ON. (Red: for output -27, -67)		
Functions		Anti-chattering function, Display unit switching function, Zero-clear function, Keylock function		
Enclosure		Ip67		
Fluid temperature range		0 to 50°C (No freezing or condensation)	-5 to 80°C (No freezing or condensation)	
Operating temperature range		Operating: 0 to 50°C, Stored: -10 to 60°C	Operating: -5 to 50°C, Stored: -10 to 60°C	
Operating humidity range		Operating and stored: 35 to 85%RH (No condensation)		
Withstand voltage		1000 VAC for 1 minute between terminals and housing	250 VAC for 1 minute between terminals and housing	
Insulation resistance		50 MΩ or more (500 VDC measured via megohmmeter) between terminals and housing		
Shockproof		10 ~ 500Hz, the smaller of 1.5mm or 98m / S 2, 2 hours in X, Y and Z		
Shockproof		980m / S 2, 3 times in X, y and Z directions (without power supply)		
Temperature characteristics (25°C reference: within operating temperature range)		±2%F.S.		±3%F.S.
Standards		CE , UL/CSA (UL508) RoHS		
Wetted parts material		Connector: c3604, sensing port: PBT Pressure sensing part: silicon, sealing ring: NBR	Pressure sensing part: stainless steel sus630 Joint: stainless steel SUS304	
Lead wire		Oilproof cable with M12 4-pin pre-wired connector, 4 cores, ø4, 5 m		

### Dimensions

