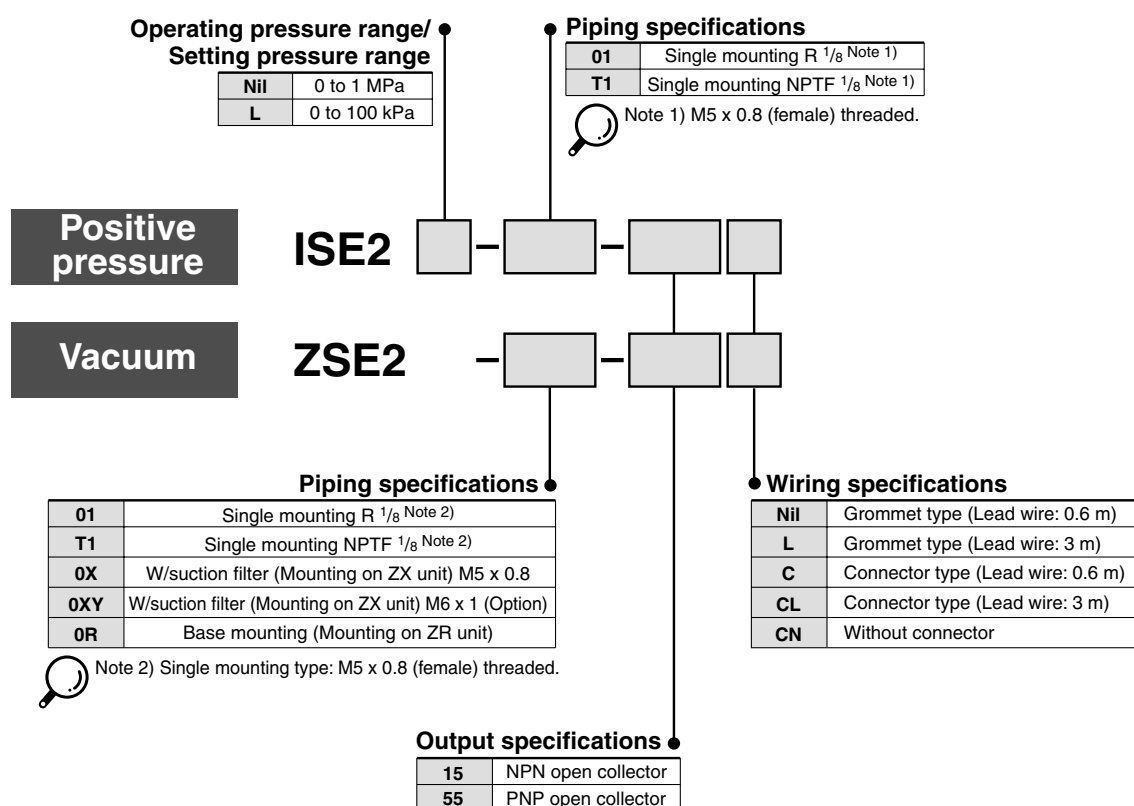


# Compact Pressure Switch

## Series ZSE2/ISE2

### How to Order



### With Connector/How to Order

● Without lead wire (Connector 1 pc., Socket 3 pcs.) .....ZS-10-A

● With lead wire .....ZS-10-5A-□

Note) When ordering switch with 5 m long lead wire, indicate both part numbers.

Ex.) ZSE2-01-15CN.....1 pc.  
ZS-10-5 A-50.....1 pc.

### Lead wire length

Nil	0.6 m
30	3 m
50	5 m

# Compact Pressure Switch **Series ZSE2/ISE2**

## Specifications

Model		ZSE2	ISE2L	ISE2
Rated pressure range/Set pressure range		For vacuum 0 to -101 kPa	For low pressure 0 to 100 kPa	For positive pressure 0 to 1 MPa
Proof pressure		500 kPa		1.5 MPa
Fluid		Air/Non-corrosive, non-flammable gas		
Power supply voltage		12 to 24 VDC $\pm 10\%$ , Ripple (P-P) 10% or less (With power supply polarity protection)		
Current consumption		17 mA or less at 24 VDC		
Response time		5 ms or less		
Repeatability		$\pm 1\%$ F.S. or less		
Resistance	Enclosure	IP40		
	Operating temperature range	Operating: 0 to 60°C, Stored: -10 to 60°C (With no condensation and no freezing)		
	Operating humidity range	Operating/Stored: 35 to 85%RH (With no condensation)		
	Vibration resistance	10 to 500 Hz at whichever is smaller of 1.5 mm amplitude or 98 m/s <sup>2</sup> acceleration, in X, Y, Z directions for 2 hrs. each (De-energized)		
	Impact resistance	980 m/s <sup>2</sup> in X, Y, Z directions, 3 times each (De-energized)		
Temperature characteristics (Based on 25°C)		$\pm 3\%$ F.S. or less		
Withstand voltage		1000 VAC for 1 min. (between live parts and case)		
Insulation resistance		50 M $\Omega$ or more (at 500 VDC by megameter) between live parts and case		
Port size		01: R 1/8, M5 x 0.8 T1: NPTF 1/8, M5 x 0.8 0X: With suction filter (For mounting on ZX unit) 0R: Base mount type (For mounting on ZR unit)		
Mass		35 g (Including 0.6 m-Long lead wire)		
Lead wire	Grommet type	Oil-resistant vinyl cabtire code 3 cores, $\phi 3.4$ , Cross section: 0.2 mm <sup>2</sup> , Insulator O.D.: 1.1 mm		
	Connector type	Heat-resistant vinyl electric wire, 3-wire, Cross section: 0.31 mm <sup>2</sup> , Insulator O.D.: 1.55 mm		
Standard		Compliant with CE marking		

## Output Specifications

Model	-15	-55
Switch output	NPN open collector 30V, 80 mA or less	PNP open collector 80 mA or less
Residual voltage	1 V or less (With load current of 80 mA)	
Number of outputs	1	
Hysteresis	3% F.S. or less (Fixed)	
Indicator light	ON: when output is ON (Red)	
Trimmer adjustment	200°	

ZSE  
ISE

ZSP

PS

ISA

PSE

IS

ISG

ZSM