

DIFFERENTIAL PRESSURE CONTROLS

Type WNS

SAGINOMIYA

GENERAL DESCRIPTION

- For use on any application where the relationship between two pressure is critical to proper equipment operation.
- With SPDT contact mechanism.
- Available drip proof enclosure for marine application or explosion proof enclosure for special application.
- Mounting bracket is supplied as standard.
- Stainless steel models are available upon request.

CE mark applicable (available upon request)
UL recognized (available upon request)

SPECIFICATIONS

- Fluid temperature: -20 to 120°C
- Ambient temperature: -20 to 70°C

TYPE NUMBER SELECTION

For water, air and fluorinated refrigerant

Unit: MPa {kgf/cm²}

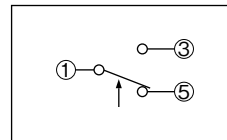
Catalog No.	Range		Differential		Factory Setting		Max. Working Pressure	Limit of Press. Differential (HP > LP)	Wt. (kg)
	Min.	Max.	Min.	Max.	Off	On			
WNS-C102X	0.03 {0.3}	0.2 {2}	0.03 {0.3}	0.15 {1.5}	0.05 {0.5}	0.02 {0.2}	0.5 {5}	0.5 {5}	0.43
WNS-C106X	0.05 {0.5}	0.35 {3.5}	0.05 {0.5}	0.25 {2.5}	0.1 {1.0}	0.05 {0.5}	1.5 {15}	1.5 {15}	

- HP.....High Side Press. LP.....Low Side Press.
- Enclosure: IP20
- Drip proof models: Available upon request. (Refer to page 49.)
- Please contact us if other range models are required.

ELECTRICAL RATINGS

Rated Voltage (V)		Power Factor (cos φ)	125/250V. AC
Rated Amps. (A)			
Non-Inductive Current		1	12
Inductive Current	Full Load	0.75	
	Locked Rotor	0.45	72

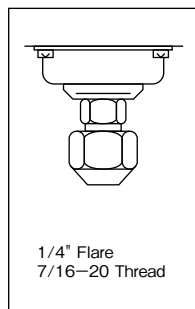
CONTACT FUNCTIONS



1	Common Terminal
3	Close on Pressure Increase
5	Close on Pressure Decrease

↑ : Operating direction on press. increase at High Press. Side

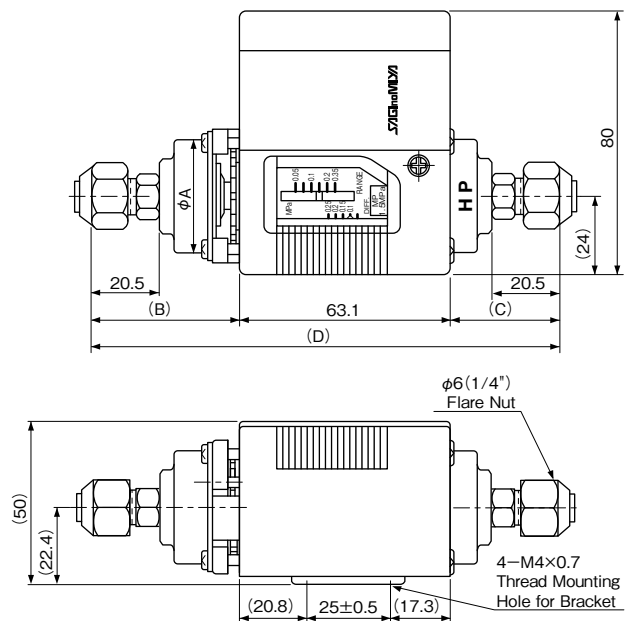
PRESSURE CONNECTIONS



Refer to page 43, 44.

Catalog No.	Unit: mm			
	φA	B	C	D
WNS-C102X	38.5	47.4	36.7	147.2
WNS-C106X	34.4	44.4	33.7	141.2

DIMENSIONS



Unit: mm