

Feature

Sensor Heads and the indicator are separated. The indicator realizes a high level of visibility (Analog output type).

Connector type lead-wire contributes to easy wiring and maintenance.

> Small sized sensor: 25.4mm length x 8.5mm width

> Three types of pressure port configuration are prepared.



> Concerning output, switch output and analog output are prepared.

> 5 types of cable length are available.

Depending on installation location, choose among 500, 1,000, 2,000, 3,000 and 5,000mm length.

> As for airflow passage, "copper-base alloy free" and "low concentration ozone measures" specifications are available.

The used metal material is made of no copper-based composite, and seal rubber material is made of HNBR.

* Stem type is correspond to -S3 specification as standard.



Copper alloy free
Available option

Low level ozone proof
Available option

Specification

Fluid medium	Air, inert gas
Pressure detection	Diffused semiconduction pressure switch
Power requirement	10.8~30VDC(ripples included)
Power consumption	20mA or less (DC24VDC at no-load)
Operating pressure range	-100~0 kPa
Proof pressure	1 MPa
Storage temp.range	-20~70°C (atmospheric pressure, humidity less than 60%RH)
Operating temp. range	0~60°C (No freezing)
Operating humidity range	35~85%RH (No freezing)
Protective structure	IEC standard IP40 equiv.

Applicable size

■ Tube diameter	
MM size (mm)	ø4, ø6
■ Applicable fitting size	
MM size (mm)	ø4, ø6
■ Thread size	
Metric thread	M5x0.8
Taper pipe thread	R1/8

Switch Output, Union Port

MODEL	Wire Length	Port
VUS12-□US	no wire	4 or 6mm
VUS12-□US-C50	50mm	4 or 6mm
VUS12-□US-C100	100mm	4 or 6mm
VUS12-□US-C200	200mm	4 or 6mm
VUS12-□US-C300	300mm	4 or 6mm
VUS12-□US-C500	500mm	4 or 6mm



Analog Output, Union Port

MODEL	Wire Length	Port
VUS12-□UA	no wire	4 or 6mm
VUS12-□UA-C50	50mm	4 or 6mm
VUS12-□UA-C100	100mm	4 or 6mm
VUS12-□UA-C200	200mm	4 or 6mm
VUS12-□UA-C300	300mm	4 or 6mm
VUS12-□UA-C500	500mm	4 or 6mm

Switch Output, Stem Port

MODEL	Wire Length	Port
VUS12-□S	no wire	4 or 6mm
VUS12-□S-C50	50mm	4 or 6mm
VUS12-□S-C100	100mm	4 or 6mm
VUS12-□S-C200	200mm	4 or 6mm
VUS12-□S-C300	300mm	4 or 6mm
VUS12-□S-C500	500mm	4 or 6mm



Analog Output, Stem Port

MODEL	Wire Length	Port
VUS12-□A	no wire	4 or 6mm
VUS12-□A-C50	50mm	4 or 6mm
VUS12-□A-C100	100mm	4 or 6mm
VUS12-□A-C200	200mm	4 or 6mm
VUS12-□A-C300	300mm	4 or 6mm
VUS12-□A-C500	500mm	4 or 6mm

Switch Output, Thread Port

MODEL	Wire Length	Port
VUS12-M5S	no wire	M5x0.8
VUS12-01S	no wire	R1/8
VUS12-U10US	no wire	10-32UNF
VUS12-N1US	no wire	NPT1/8
VUS12-M5S-C50	50mm	M5x0.8
VUS12-01S-C50	50mm	R1/8
VUS12-U10US-C50	50mm	10-32UNF
VUS12-N1US-C50	50mm	NPT1/8
VUS12-M5S-C100	100mm	M5x0.8
VUS12-01S-C100	100mm	R1/8
VUS12-U10US-C100	100mm	10-32UNF
VUS12-N1US-C100	100mm	NPT1/8
VUS12-M5S-C200	200mm	M5x0.8
VUS12-01S-C200	200mm	R1/8
VUS12-U10US-C200	200mm	10-32UNF
VUS12-N1US-C200	200mm	NPT1/8
VUS12-M5S-C300	300mm	M5x0.8
VUS12-01S-C300	300mm	R1/8
VUS12-U10US-C300	300mm	10-32UNF
VUS12-N1US-C300	300mm	NPT1/8
VUS12-M5S-C500	500mm	M5x0.8
VUS12-01S-C500	500mm	R1/8
VUS12-U10US-C500	500mm	10-32UNF
VUS12-N1US-C500	500mm	NPT1/8



Analog Output, Thread Port

MODEL	Wire Length	Port
VUS12-M5A	no wire	M5x0.8
VUS12-01A	no wire	R1/8
VUS12-U10UA	no wire	10-32UNF
VUS12-N1UA	no wire	NPT1/8
VUS12-M5A-C50	50mm	M5x0.8
VUS12-01A-C50	50mm	R1/8
VUS12-U10UA-C50	50mm	10-32UNF
VUS12-N1UA-C50	50mm	NPT1/8
VUS12-M5A-C100	100mm	M5x0.8
VUS12-01A-C100	100mm	R1/8
VUS12-U10UA-C100	100mm	10-32UNF
VUS12-N1UA-C100	100mm	NPT1/8
VUS12-M5A-C200	200mm	M5x0.8
VUS12-01A-C200	200mm	R1/8
VUS12-U10UA-C200	200mm	10-32UNF
VUS12-N1UA-C200	200mm	NPT1/8
VUS12-M5A-C300	300mm	M5x0.8
VUS12-01A-C300	300mm	R1/8
VUS12-U10UA-C300	300mm	10-32UNF
VUS12-N1UA-C300	300mm	NPT1/8
VUS12-M5A-C500	500mm	M5x0.8
VUS12-01A-C500	500mm	R1/8
VUS12-U10UA-C500	500mm	10-32UNF
VUS12-N1UA-C500	500mm	NPT1/8