

Order No.

V16 - 1 - 03

① ②

① Pressure range

- 1 - Negative pressure (-101 ~ 0 kPa)

② Output type

- 02 - PNP Open Collector
- 03 - NPN Open Collector

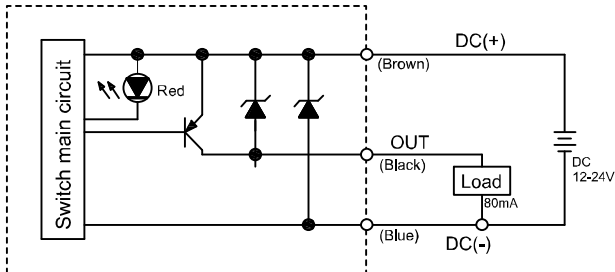


Operating specifications

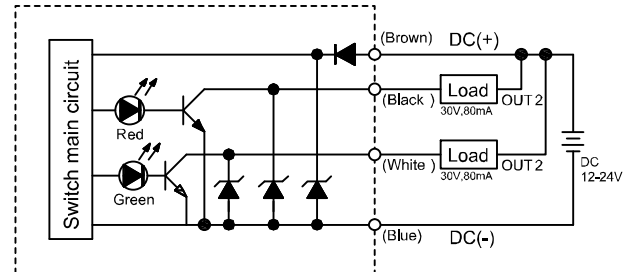
Specifications	Model	V16 - 1 - 02	V16 - 1 - 03
Applicable fluid		Air, Non corrosive gases, Incombustible gases	
Pressure range		-101.0 ~ 0 kPa	
Withstand pressure		300 kPa	
Pressure port		1/8" PT, M5 Female	
Power supply voltage		12~24 VDC ±10%, Ripple (P-P) 10% or less	
Power consumption		Max,21mA	Max,25mA
Output		PNP : open collector 1 output Max. load currunt : 80mA	NPN : open collector 2 output Max. load currunt : 80mA Max. supply volatage : 30VDC
Environment	Repeatability (switch output)	≤±1% F,S	
	Response time	≤5ms	
	Protection structure	IP40	
	Operating ambient temp. (°C)	Operation : 0 °C ~ 50°C, Storage : -20 °C ~ 60 °C (No condensation or freezing)	
	Operating humidity	Operation / Storage : 35~85% RH (No condensation)	
	Vibration resistance	Total amplitude 1,5mm, 10Hz~55Hz~10Hz scan for 1minute, two hours each direction of X, y and Z	
Shock resistance	980 m/s ² (100G), 3 times each in direction of X, Y and Z		
Temperature characteristic		≤±3% F,S, at temp. (25 °C)	
Hysteresis mode		1~10% of setting pressure (Adjustable)	3% F.S. or less (Fixed)
Indicator		Light at ON(Red)	Light at ON (output 1 : Red, Output2 2 : Green)
Cable		Oil-resistance 3-core 1m lead wire	Oil-resistance 4-core 1m lead wire
Weight		50g (Including 1m lead wire)	

Circuit diagram

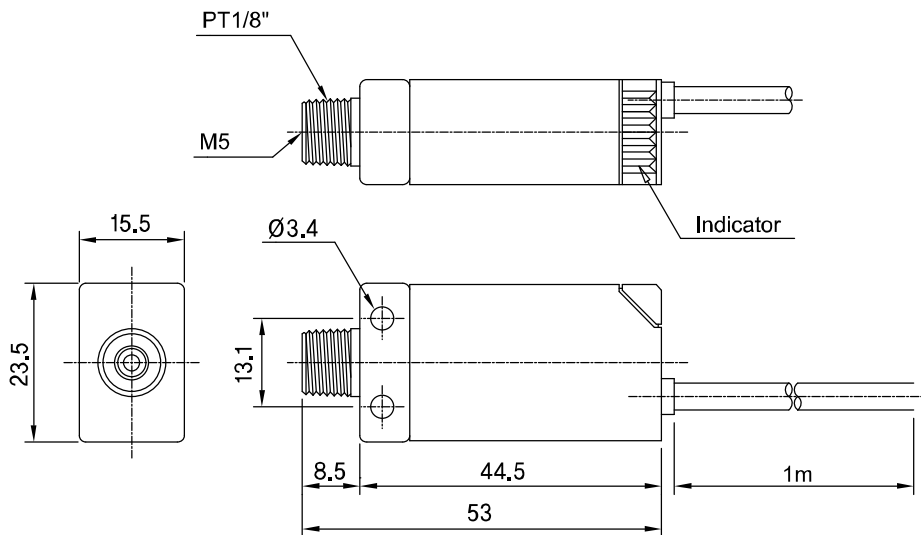
V16-1-02
PNP output



V16-1-03
NPN output



Dimension



[Measure Unit : mm]

