Pressure sensors

Vacuum switch

MVS-030AB series



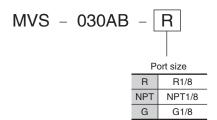
- Vacuum switch
- Small size, high-accuracy

High-speed response time: 2ms

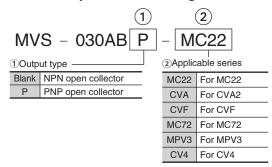
Can be mounted on several CONVUM ejectors

Easy sensor replacement

How to order



CONVUM ejector mounting reference



Specifications

Type		Unit	MVS-030AB
7.		Offic	
Fluid			Air (non corrosive, nonflammable gas)
Pressure range		kPa	−2.7 ~ −101.2
Setting value before shipment		kPa	-46.6
Proof pressure		MPa	0.5
Operating ambient temperature		C	0 ~ 50
Operating humidity		%	35 ~ 85 RH (no condensation)
Port size			R1/8, NPT1/8, G1/8
Power supply		V	DC12 ~ 24 ± 10%
Power consumption		mA	20
output	Display		LED, RED color
	Type		NPN/PNP Open collector
	Rated		max.DC30V 80mA
Repeatability		%	± 3 F.S
Response time		msec	Less than 2
Noise resistance			Vp-p240V, 10ms, 0.5μs(by noise simulator)
Setting method			2/3 turn trimmer
Cable specications			φ4 3pin × 0.15mm length 2m
Materials			ABS plastic, Zinc Die-cast
Mass(including Cable)		g	64

No protection against oil, water.

Internal circuit diaphragm

