

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

MVS - 030AB - R

Port size	
R	R1/8
NPT	NPT1/8
G	G1/8

CONVUM ejector mounting reference

MVS - 030AB ^①P - ^②MC22

① Output type

Blank	NPN open collector
P	PNP open collector

② Applicable series

MC22	For MC22
CVA	For CVA2
CVF	For CVF
MC72	For MC72
MPV3	For MPV3
CV4	For CV4

Specifications

Type	Unit	MVS-030AB
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 specifications		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

NPN output

