

Description

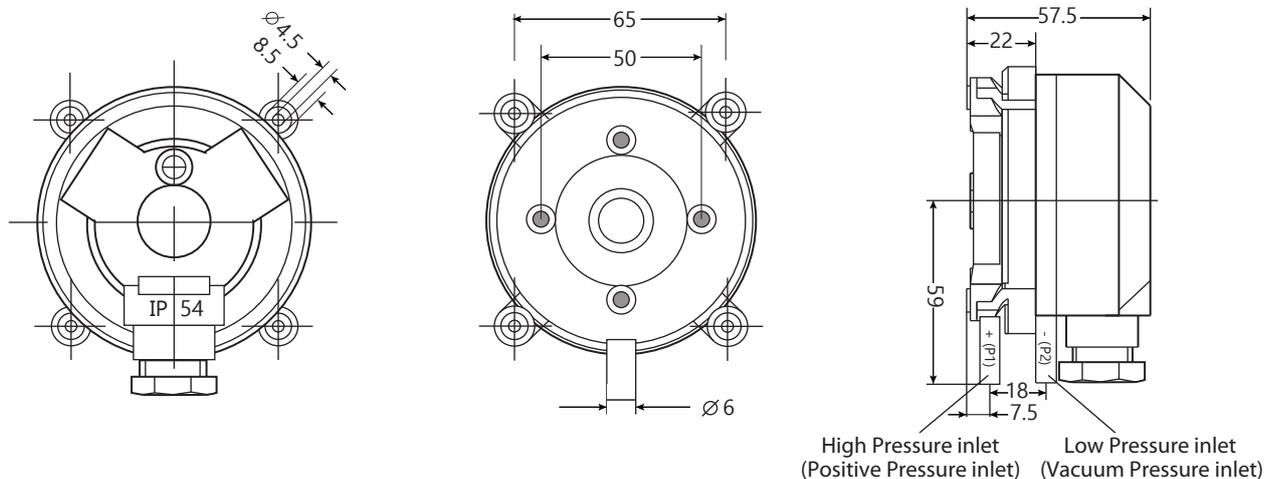
QAD series air pressure controls is used to sense tiny pressure change and widely used to control the flow of aerator, to monitor fan and air conditioner. It is also suitable for over heating protection and frost protection in industrial cooling system. Due to its outstanding design, the setpoint can be adjusted visually.



Technical Data

Model	QAD
Media	Air, non-combustible and non-aggressive gasses
Max Operating Pressure	10 kPa
Mounting Position	Diaphragm in any vertical plane
Degree of protection	IP54 (with cover)
Operating Temperature	-40°C to 85°C
Contact Arrangement	SPDT
Electrical Rating	Resistance: Initial: < 50 milliohms; Current 1.5A resistive (0.4A inductive) 250V
Electric Connection	6.3x0.8 blade 46244 or screw terminals
Material	Housing: ABS
	Duct connectors: ABS
	Membrane: Silicone
	Cable sleeve: PVC
Weight	0.15kg (0.35kg with flexible pipe)
Connection	6.0mm Dia. for tube connection
Approval	UL, CE, RoHS

Dimensions (mm)



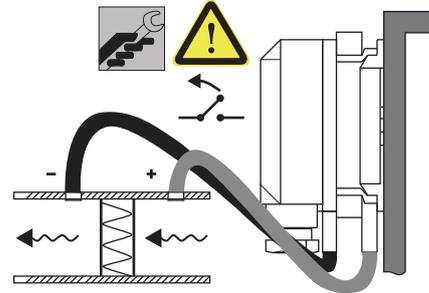
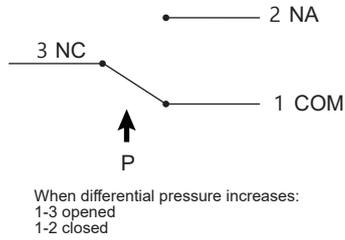
Installation Connections

QAD series air pressure controls is factory-calibrated for vertical position. If installed horizontally, this will affect the switching point as following:

- with cover facing upwards, switching point is 15Pa higher than scale;
- with cover facing downwards, switching point is 15Pa lower than scale.

Note:

Do not install upside down with trip pressures of less than 50pa !



Product Range

Model	Pressure Range	Differential	Tolerance
QAD-1	20-200Pa	10Pa	±15%
QAD-2	30-300Pa	10Pa	±15%
QAD-3	40-400Pa	20Pa	±15%
QAD-4	50-500Pa	20Pa	±15%
QAD-5	200-1000Pa	100Pa	±15%
QAD-6	500-2500Pa	150Pa	±15%
QAD-7	1000-5000Pa	250Pa	±15%

The performances stated in this sheet can be modified without any prior notice due to design improvements