

## DIFFERENTIAL PRESSURE SENSORS



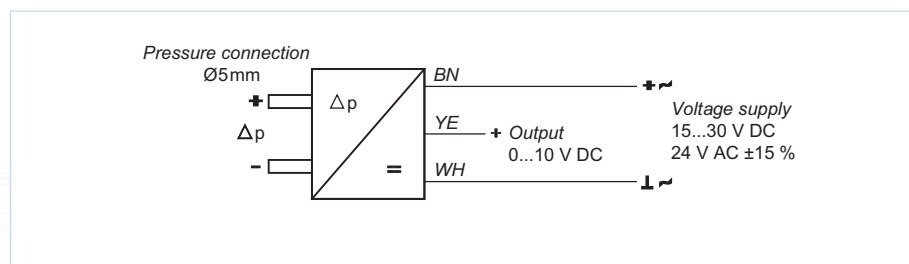
### DESCRIPTION

Designed for measuring differential pressure in air ducts, fan inlet nozzles and roof mounted fans. The differential pressure sensor is connected to the ventilation system by two pressure connections and can regulate the air pressure or air volume flow via the control unit.

### Features

- Output of 0 - 10V signal proportionally over the respective measuring range
- Suitable for non-aggressive, gaseous mediums
- Comes with 0.5m connection cable.
- Vertical mounting position is recommended

### WIRING DIAGRAM



### TECHNICAL DATA

Model Number	Measuring Pressure Range (Pa)	Protection Class	Dimensions, mm
DCV-PA-DSG50	0 - 50	IP65	70W x 70H x 50D
DCV-PA-DSG200	0 - 200	IP65	70W x 70H x 50D
DCV-PA-DSG500	0 - 500	IP65	70W x 70H x 50D
DCV-PA-DSG1000	0 - 1000	IP65	70W x 70H x 50D

## AIR VELOCITY SENSORS



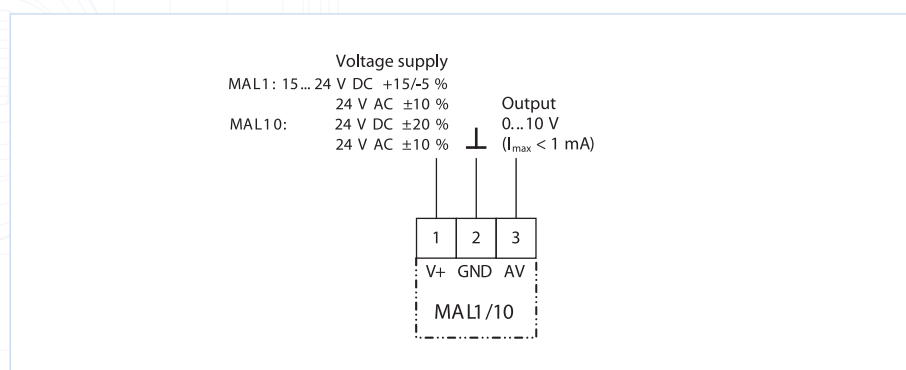
### DESCRIPTION

The air velocity range of sensors has been specially optimised for non-aggressive gaseous mediums. The measuring head can be positioned within the duct in any direction. The air velocity sensor is available as 2 options; with a Ø12mm x 200mm adjustable extension and with a 2 metre sensor cable.

### Features

- Very high measuring accuracy from 0.15m/s.
- Output of 0 - 10V or 4 - 20mA, proportionally over the respective measuring range.
- Easy to mount using the mounting flange included
- Requires 24V supply from control unit.
- Measuring range and response time can be selected by altering the jumper settings.

### WIRING DIAGRAM



### TECHNICAL DATA

Model Number	Protection class	Sensor head, mm	Sensor Post, mm	Sensor Cable, mm	Velocity Range, m/s
DCV-AV-MAL1	IP65 (Head IP20)	80W x 80H x 35D	Ø12 x 200	-	0-2
DCV-AV-MAL1X	IP65 (Head IP20)	80W x 80H x 35D	-	2000	0-2
DCV-AV-MAL10	IP65 (Head IP20)	80W x 80H x 35D	Ø12 x 200	-	0-20