

# AVD 160-400

## CONTROL DAMPER THAT MEASURES AIR VOLUME

### General applications::

Room pressure control connected to a separate pressure regulator (RPCS).

AVD 160-400 is a current- or voltage-controlled damper that measures air volume. AVD consists of a motor control damper and a speed sensor.



## TECHNICAL INFORMATION

Operating voltage	24 VAC $\pm$ 15%, 50-60 Hz
Power consumption	7 VA
Input message (setting value)	0-20 mA / 0-10V (0-100% opening degree)
Output message (measured value)	0-20 mA (0-1111 l/s)
Air flow alarm	0/5 VDC
Operating time	3 sec.
Duct dimensions	Diam. 160/200/250/315 and 400mm
Material	Aluzink, Az 185.
Encapsulation	Powder-coated steel, IP 40

## DESCRIPTION OF FUNCTIONS    CIRCUIT DIAGRAM

AVD koostuu moottorista ja nopeusanturista. Sääteipelti voidaan asentaa kaikkiin asentoihin, mutta suosittelemme sennusta, jossa säleakseli on vaakasuorassa.

### DIMENSIONING [mm]

AVD 160	L=450	D=160
AVD 200	L=450	D=200
ACU 250	L=450	D=250
ACU 315	L=500	D=315
ACU 400	L=550	D=400

