

EAF 260

AIR FLOW SENSOR WITH PROTECTIVE COATING

The air flow sensor EAF 260 is intended to be installed to measure air flow in a duct or similar. The sensor gives a linear voltage or current signal. The measuring element is protectively varnished with polyurethane.



Dimensions: 140 x 95 x 90 (mm)
Measuring element inside the channel 200 mm

TECHNICAL INFORMATION

Operating voltage	24 VAC \pm 15%, 50-60 Hz
Power consumption	3 VA
Operating range (programmable)	0-10 m/s or 0-20 m/s
Outgoing message	0-10 V (min 1000 Ohm) 0 (4) - 20 mA (max 500 Ohm)
Temperature dependence	max 0.1% of measured value /°C (Calib. 20 °C)
Reliability	max \pm 0.5% of the measured value
Linearity	\pm (5% of the measured value + 0.1 m/s)
Operating temperature	0 ... 70°C
Air humidity	max 90% RH
Encapsulation	IP 44, blue/black plastic

INSTALLATION

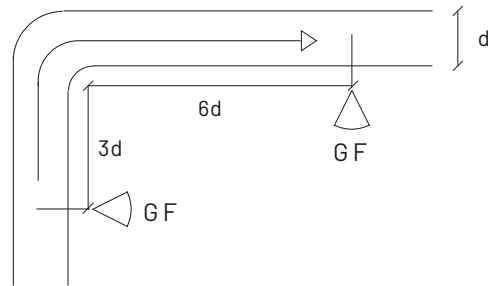
The sensor must be installed in the duct in a place where the air flow is uniform and the arrow on the sensor bracket points in the direction of the air flow. The sensor can be installed either in a vertical or horizontal channel.

The sensor must be placed at least as far as the protective distance indicated in the picture from various air handling devices (e.g. curves). If there is a heating/cooling radiator or a humidifier in the duct, the air flow sensor must be installed in the supply air duct before them.

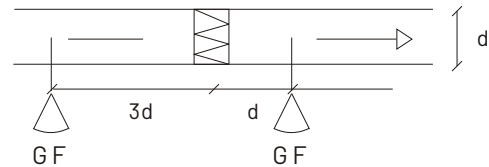
ATTENTION

The sensor must not be installed directly in the outdoor air. For corrosive conditions, use the product EAF 260 E. Also note that there is enough space for connecting the cables. In normal use, the sensor is maintenance-free.

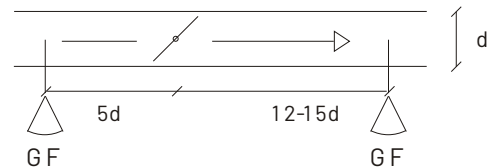
CURVE



FILTER



ADJUSTMENT DAMPER



CIRCUIT DIAGRAM

EAF 260

