## Honeywell

## Air Flow and Velocity Transmitter

HAVDTXX-EU - Installation Instructions


## INTRODUCTION

The Air Flow and Velocity Transmitter series is intended for use in commercial environments. It is designed with a duct mount probe and adjustable collar suitable for round or rectangular ducts. The transmitter provides separate readings for air velocity and temperature. It comes with three measurement ranges in a single device ( $0-2 \mathrm{~m} / \mathrm{s}$, $0-10 \mathrm{~m} / \mathrm{s}, 0-20 \mathrm{~m} / \mathrm{s}$ ).

## BEFORE INSTALLATION

Read these instructions carefully before attempting to install, operate or service this device. Failure to observe safety information and comply with instructions can result in personal injury, death and/ or property damage. Disconnect power before installing or servicing device and only use wiring with insulation rated for full device operating voltage. Not for use in flammable or explosive environments.

## MOUNTING

The transmitter should be mounted in an easily accessible location in a straight section of duct at least five feet from corners or other items that may cause disturbances in the air flow. Avoid areas where the detector is exposed to vibrations or rapid temperature changes.
Once a suitable location is selected, use the mounting flange as a template and mark the locations of the two screws needed to mount the transmitter. Pre-drill the holes in the duct and mount the flange with screws (not included). See Figure 1.
Adjust the probe to the desired depth. Ensure that the end of the probe reaches the middle of the duct. Tighten the screws on the flange to hold the probe in position. See Figure 2.
For proper mounting orientation in relation to air flow direction, see Figure 3.

## WIRING

For CE compliance a properly grounded shielding cable is required. Unscrew the strain relief and route the cable(s). Use the strain relief on the left for power in and signal out. Connect the wires as shown in Figure 4 and then tighten the strain relief.
Select the desired measurement range by installing the jumpers as shown in Figure 5.

To configure the temperature output (Tout) and velocity output (Vout) select the output mode, current (mA) or voltage (V), by installing the jumpers as shown in Figure 6. Both output type are configured separately.



DIMENSIONS



