AIR VELOCITY TRANSMITTER

AIR VELOCITY AND TEMPERATURE TRANSMITTER WITH RELAY OUTPUT

AVT	The AVT is an electronic air velocity and temperature transmitter for air and non-combustible gases with optional relay output.
USAGE	AVT is used in HVAC and building automation systems.
APPLICATIONS	Monitoring air velocity and temperature in ducts and laminar flow cabinets, and at ventilators and dampers.

TECHNICAL DETAILS

Accuracy (from reading):	< 0.1 m/s + 5 % (Range 0...2 m/s) < 0.5 m/s + 5 % (Range 0...10 m/s) < 1.0 m/s + 5 % (Range 0...20 m/s)
Measuring units:	m/s, °C
Supply voltage:	24 VDC ±10 % / 24 VAC ±10 %
Power consumption:	35 mA (50 mA with relay) + 40 mA with mA outputs
Output signal 1:	0...10 V (linear to °C), L min 1 kΩ or 4...20 mA (linear to °C), L max 400 Ω
Output signal 2:	0...10 V (linear to m/s), L min 1 kΩ or 4...20 mA (linear to m/s), L max 400 Ω
Optional relay output:	Potential free SPDT 250 VAC, 6 A / 30 VDC, 6 A with adjustable switching point and hysteresis
Operating temperature:	0...+50 °C
Probe:	Adjustable Immersion length 50...190 mm, mounting flange included
Protection standard:	IP54

AVT

Example: AVT-D-R	Product series		
	AVT	Air velocity transmitter, measuring ranges 0...2 / 0...10 / 0...20 m/s	
		Display	
		-D	With display
			Without display
		Relay	
		-R	With relay
			Without relay
Model	AVT	-D	-R

ACCESSORIES
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