

# DIN EN 14277:2006-11 (E)

## Ventilation for buildings - Air terminal devices - Method for airflow measurement by calibrated sensors in or close to ATD/plenum boxes

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Terms, definitions and symbols .....	6
3.1	Terms and definitions .....	6
3.2	Symbols .....	8
4	Instrumentation .....	8
4.1	Air flow rate measurement .....	8
4.2	Pressure measurement .....	9
4.3	Temperature measurement .....	9
5	Sampling .....	10
5.1	General .....	10
5.2	Integral damper .....	10
6	Determination of the calibration curve .....	10
6.1	Principle .....	10
6.2	Test installation .....	10
6.3	Test procedure .....	12
7	Test to determine the effect of flow disturbance on measurement accuracy .....	13
7.1	Principle .....	13
7.2	Test procedure .....	14
8	Test report .....	23
8.1	Test results .....	23
8.2	Contents .....	23
Annex A (normative)	Zero-pressure difference method - Principle .....	26