

# DIN EN 1434-5:2016-02 (E)

## Heat meters - Part 5: Initial verification tests

---

<b>Contents</b>		<b>Page</b>
	European foreword .....	3
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	General .....	5
5	Uncertainty of test equipment .....	6
6	Tests to be carried out .....	6
6.1	General .....	6
6.2	Flow sensors .....	6
6.3	Temperature sensor pair .....	7
6.3.1	Error in temperature difference .....	7
6.3.2	Insulation resistance .....	7
6.3.3	Single temperature sensor for smart metering applications .....	8
6.4	Calculator .....	8
6.5	Calculator and temperature sensor pair .....	8
6.5.1	Heating and cooling applications .....	8
6.5.2	Calculator with single temperature sensor for smart metering applications .....	9
6.6	Combined heat meter .....	9
6.7	Complete meter .....	9
7	Documentation to be supplied .....	9
	<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2004/22/EC, MID .....</b>	<b>11</b>