

DIN EN 1434-6:2007-05 (E)

Heat meters - Part 6: Installation, commissioning, operational monitoring and maintenance

Contents		Page
Foreword		3
1 Scope		4
2 Normative references		4
3 Terms and definitions		4
4 Requirements		5
4.1 Design requirements		5
4.2 Installation requirements		5
4.3 Heat meter commissioning		5
4.3.1 General		5
4.3.2 Certification check		6
4.3.3 Installation check		6
4.3.4 Heat meter security		6
Annex A (informative) Heat meter installation		7
A.1 Introduction		7
A.2 Criteria for the selection of a heat meter		7
A.3 Quality of the heat conveying liquid		7
A.3.1 General		7
A.3.2 Primary water quality		8
A.3.3 Secondary water quality		8
A.4 Heat meter flow circuit design		8
A.5 Additional recommendations for cooling application		9
Annex B (informative) Heat meter operational monitoring and maintenance		13
B.1 Introduction		13
B.2 Heat meter service life		13
B.3 Heat meter monitoring procedures		13
B.4 Maintenance check list		14
B.5 Replacement of failed heat meters		14
Annex C (informative) Suggested gauge for checking the dimensions of installed temperature sensor pockets		16