DIN EN 18097:2026-06 (E)

Hydrometry - Measurement of precipitation intensity - Metrological requirements and test methods for non-catching type rain gauges

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms, definitions and symbols 5
3.1 Terms and definitions 5
3.2 Symbols 5

4 Measuring rainfall intensity with non-catching rain gauges 7
4.1 General 7
4.2 Optical 7
4.3 Impact 7
4.4 Radar 8

5 Classification of non-catching rain gauges 8
5.1 Characteristics of the calibration device 8
5.2 Testing protocol 8

Annex A (informative) Example of the use of the test method to calibrate a sample disdrometer in the laboratory 16

Bibliography 20