

GES 38

Introduction

For wood moisture measurement tasks, a suitable insertion probe helps the user place the sensor directly where the reading is needed. The GES38 is recommended for wood moisture measurement and uses a Type K (NiCr-Ni) sensor element for connection to GMH 38xx devices.

The potential-free design supports measurement setups where electrical isolation of the probe is required. With a Ø4 x 150 mm probe and 1 m cable, it offers a practical format for handheld work, while the NST1200 miniature flat plug provides the defined connection to the compatible instrument.

Features

Insertion probe design

The probe is designed for insertion measurement and has a Ø4 x 150 mm probe body.

Sensor element

The measuring element is class 1 type K (NiCr-Ni).

Device connection

The probe connects via an NST1200 miniature flat plug for use with GMH 38xx devices.

Cable configuration

The sensor is supplied with a fixed 1 m cable for connection between probe and measuring instrument.



Wood moisture use

Recommended for wood moisture measurement with GMH 38xx instruments.



Type K sensing

Uses a Type K (NiCr-Ni) sensor element for measurements from -65 to 200 °C.



Potential-free design

Supports applications requiring a potential-free insertion probe.



Practical probe format

Ø4 x 150 mm probe with 1 m cable for direct insertion measurement.

Technical Specifications

Measurement

Measuring principle	Thermocouples
Temperature sensor	Type K, Class 1
Temperature range	-65...+200 °C
Temperature range TC K	-65...+200 °C

Probe

Cable	1 m
Connection	NST1200 Miniature flat pin plug
Probe Diameter	4 mm
Probe length	150 mm
Type	Penetration probe

Available product variants

Ordercode	Description	Article No.
GES38	GES 38 - Class 1 type K insertion probe for wood moisture measurement with NiCr-Ni sensor, potential-free design, Ø4 x 150 mm probe dimensions, 1 m cable and NST1200 miniature flat plug for GMH 38xx devices.	601350