



Comparison of RESISTOMAT® 2311 vs RESISTOMAT® 2329

Model	RESISTOMAT® 2311	RESISTOMAT® 2329
		
Measurement specifications		
Measuring ranges	20 mΩ to 200 kΩ	200 mΩ to 200 kΩ
Resolution	up to 1 μΩ	up to 10 μΩ
Measurement accuracy	0,03 % of Rdg.	0,03 % of Rdg.
Evaluation time (pure ohmic probes)	app. from 10 ms	app. from 20 ms
Evaluation elements	2/4 limits	2/4 limits
Input protection against inductive and ext. voltages	■	■
Measurement Display	Ω, %, evaluation	Ω, %, evaluation
Measurement connection	4/6 wire	4 wire
Temperature measurement		
PT 100	■	■
Pyrometer	■	■
Manual input	■	■
Measurement functions		
Temperature Compensation	■	■
Thermoelectric voltage compensation	■	■
Measurement mode	single/continuous/ n time*measurements R or Z/cooling curve	single/continuous/R
Dry circuit measurement	■	■
Mechanical specifications		
Dimension (H * B * D/mm)	small -> 110 x 110 x 183	medium -> 151 x 237 x 285
Cable break test	■ once/off/always	-
Cabinet mounted version	end of October 2023	-
Fieldbus Interfaces		
I/O Interface	■	■
Profinet	■	-
EtherCat	available Q4/2023	-
EtherNet/IP	■	-
Communication Interfaces		
RS 232	-	■
USB/Ethernet	■	-
Configurable measurement programmes		
	32	-
Measuring recording		
Datalogger	■	■
USB Stick ext.	■	-
Multi channel capability		
	in planning with additional ext. Scanner	max. 6 channel Version
Software		
Basic Version	■ incl. cooling curve	■
Advantage Version incl. data logging for process data	in implementation	-