

## Technical Data - MKT 10

<b>Standard methods</b>
ASTM E1137, EN 60751, ITS 90

	<b>MKT 10</b>
<b>Measuring range:</b>	
<b>Temperature</b>	0 °C to 100 °C (32 °F to 212 °F)
<b>Resistance</b>	100 Ω to 140 Ω
<b>Resolution:</b>	
<b>Temperature</b>	1 mK
<b>Resistance</b>	0.4 mΩ
<b>Measurement uncertainty:</b>	
<b>Temperature</b>	< 10 mK
<b>Resistance</b>	< 4 mΩ
<b>Measuring sensor</b>	Pt 100 (EN 60751)
<b>Measuring current</b>	1 mA <sub>DC</sub>
<b>Internal reference resistor</b>	400 Ω (Vishay Precision Group, VHP 101)
<b>Number of sensor inputs</b>	1
<b>Sensor connection</b>	4-wire, soldered
<b>Measuring time</b>	1 second (for one channel)
<b>Data outputs</b>	LAN (PoE, 10 Mbit)
<b>Ambient operating temperature</b>	0 °C to 35 °C (for highest accuracy 20 °C to 25 °C recommended)
<b>Power supply</b>	4× AA batteries or Power over Ethernet (PoE)
<b>Dimensions (L × W × H)</b>	200 mm × 100 mm × 35 mm (7.8 in × 3.4 in × 1.4 in)
<b>Weight</b>	approx. 500 g (1.1 lbs)