

### Technische Daten

	<b>LOG10</b> 5005-0001	<b>LOG100</b> 5005-0100	<b>LOG100 CRYO</b> 5005-0105	<b>LOG110</b> 5005-0110
<b>int. Temperatur:</b>				
<b>Messbereich:</b>	-10°C ... +60°C	-30°C ... +70°C	-10°C ... +70°C	-30°C ... +70°C
<b>Auflösung:</b>	0,1°C	0,1°C	0,1°C	0,1°C
<b>Genauigkeit:</b>	±0,5° -20°C ... +50°C	±0,5° -20°C ... +50°C	±0,3° -20°C ... +50°C	±0,5° -10°C ... +40°C
±1 digit	±0,7°C (restl. Bereich)	±0,7°C (restl. Bereich)	±0,7°C (restl. Bereich)	±1,0°C (restl. Bereich)
<b>ext. Temperatur:</b>				
<b>Messbereich:</b>	–	-50°C ... +125°C	-200°C ... +350°C	-50°C ... +125°C
<b>Auflösung:</b>	–	0,1°C	0,1°C	0,1°C
<b>Genauigkeit:</b>	–	±0,5° -0°C ... +40°C	±0,5° -200°C ... +250°C*	±0,5° -0°C ... +40°C
±1 digit	–	±1,0°C (restl. Bereich)	±1,0°C (restl. Bereich)	±1,0°C (restl. Bereich)
<b>int. relative Feuchte:</b>				
<b>Messbereich:</b>	–	–	–	0...99%rF
<b>Auflösung:</b>	–	–	–	0,1%rF
<b>Genauigkeit:</b>	–	–	–	±3%rF
<b>Speicherkapazität:</b>	ca. 20.000 Messwerte	ca. 60.000 Messwerte	ca. 60.000 Messwerte	ca. 60.000 Messwerte
<b>Schnittstelle:</b>	USB-Interface 2.0	USB-Interface 2.0	USB-Interface 2.0	USB-Interface 2.0
<b>Anzeige:</b>	7 Segment LCD (2-zeilig)	7 Segment LCD (2-zeilig)	7 Segment LCD (2-zeilig)	7 Segment LCD (2-zeilig)
<b>IP-Schutz:</b>	IP65	IP65	IP65	–
<b>Display-Arbeitsbereich:</b>	-10°C ... +70°C	-10°C ... +70°C	-10°C ... +70°C	-10°C ... +70°C
<b>Spannungsversorgung:</b>	1 x CR2032 3 V	1 x CR2032 3 V	1 x CR2032 3 V	1 x CR2032 3 V
<b>Gehäuse:</b>	Kunststoff (ABS)	Kunststoff (ABS)	Kunststoff (ABS)	Kunststoff (ABS)
<b>Abmessungen (L x B x H):</b>	88 x 55 x 20 mm	88 x 55 x 20 mm	88 x 55 x 20 mm	88 x 55 x 20 mm
<b>Gewicht:</b>	95 g	95 g	95 g	95 g

\* zzgl. Fühlergenauigkeit

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	<b>LOG10</b> 5005-0001	<b>LOG100</b> 5005-0100	<b>LOG100 CRYO</b> 5005-0105	<b>LOG110</b> 5005-0110
<b>int. temperature:</b>				
<b>Measuring range:</b>	-10°C ... +60°C	-30°C ... +70°C	-10°C ... +70°C	-30°C ... +70°C
<b>Resolution:</b>	0,1°C	0,1°C	0,1°C	0,1°C
<b>Accuracy:</b>	±0,5° -20°C ... +50°C	±0,5° -20°C ... +50°C	±0,3° -20°C ... +50°C	±0,5° -10°C ... +40°C
±1 digit	±0,7°C (remaining range)	±0,7°C (remaining range)	±0,7°C (remaining range)	±1,0°C (remaining range)
<b>ext. temperature:</b>				
<b>Measuring range:</b>	–	-50°C ... +125°C	-200°C ... +350°C	-50°C ... +125°C
<b>Resolution:</b>	–	0,1°C	0,1°C	0,1°C
<b>Accuracy:</b>	–	±0,5° -0°C ... +40°C	±0,5° -200°C ... +250°C*	±0,5° -0°C ... +40°C
±1 digit	–	±1,0°C (remaining range)	±1,0°C (remaining range)	±1,0°C (remaining range)
<b>int. relative humidity</b>				
<b>Measuring range:</b>	–	–	–	0...99%rH
<b>Resolution:</b>	–	–	–	0,1%rH
<b>Accuracy:</b>	–	–	–	±3%rH
<b>Memory capacity:</b>	approx. 20,000 measurements	approx. 60,000 measurements	approx. 60,000 measurements	approx. 60,000 measurements
<b>Interface:</b>	USB-Interface 2.0	USB-Interface 2.0	USB-Interface 2.0	USB-Interface 2.0
<b>Display:</b>	7 segment LCD (2-line)	7 segment LCD (2-line)	7 segment LCD (2-line)	7 segment LCD (2-line)
<b>IP-protection:</b>	IP65	IP65	IP65	–
<b>Working temperature:</b>	-10°C ... +70°C	-10°C ... +70°C	-10°C ... +70°C	-10°C ... +70°C
<b>Power supply:</b>	1 x CR2032 3 V	1 x CR2032 3 V	1 x CR2032 3 V	1 x CR2032 3 V
<b>Housing:</b>	plastic (ABS)	plastic (ABS)	plastic (ABS)	plastic (ABS)
<b>Dimensions (L x W x H):</b>	88 x 55 x 20 mm	88 x 55 x 20 mm	88 x 55 x 20 mm	88 x 55 x 20 mm
<b>Weight:</b>	95 g	95 g	95 g	95 g

\* plus probe inaccuracy