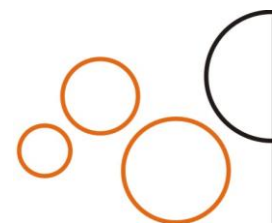
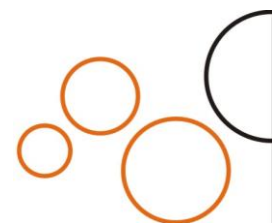


## TECHNICAL DETAILS – testo 160 THL

Humidity - Capacitive	
<b>Measuring range</b>	0 to 100 %RH (non-condensing)
<b>Accuracy</b>	$\pm 2.0$ %RH at +25.0 °C and 20 to 80 %RH $\pm 3.0$ %RH at +25.0 °C and < 20%RH and > 80 %RH $\pm 1.0$ %RH hysteresis $\pm 1.0$ %RH / year drift
<b>Resolution</b>	0.1 %RH
Temperature	
<b>Measuring range</b>	-10 to +50 °C
<b>Accuracy</b>	$\pm 0.5$ °C
<b>Resolution</b>	0.1 °C
Light	
<b>Measuring range</b>	0 to 20000 Lux
<b>Accuracy</b>	DIN 5032-7 Class C-compliant. $\pm 3.0$ Lux or $\pm 3.0$ % of mv refers to reference DIN 5032-7 Class L)
<b>Resolution</b>	0.1 Lux



UV	
<b>Measuring Range</b>	0 to +10000 mW/m <sup>2</sup>
<b>Accuracy</b>	±5 mW/m <sup>2</sup> or ±5 % of mv (refers to external reference)
<b>Resolution</b>	0.1 mW/m <sup>2</sup>
General technical data	
<b>Dimensions</b>	92 x 64 x 24 mm
<b>Operating temperature</b>	-10 to +50 °C
<b>Protection class</b>	IP20
<b>Communication rate</b>	Dependent on Cloud licence; Basic: 15 min ... 24 h / Advanced: 1 min ... 24 h
<b>WLAN Connectivity</b>	supported wireless LAN standards: IEEE 802.11 b/g/n and IEEE 802.1X; Possible encryption methods: WPA2 Enterprise: EAP-TLS, EAP-TTLS-TLS, EAP-TTLS-MSCHAPv2, EAP-TTLS-PSK, EAP-PEAP0-TLS, EAP-PEAP0-MSCHAPv2, EAP-PEAP0-PSK, EAP-PEAP1-TLS, EAP-PEAP1-MSCHAPv2, EAP-PEAP1-PSK, WPA Personal, WPA2 (AES), WPA (TKIP), WEP
<b>Measuring rate</b>	Dependent on Cloud licence; Basic: 15 min ... 24 h / Advanced: 1 min ... 24 h
<b>Battery life</b>	1.5 years
<b>Power supply</b>	4 x AAA batteries 1.5 V, alternatively mains unit via USB connection
<b>Memory</b>	32,000 Measuring values / Sum of all channels



General technical data	
<b>Storage temperature</b>	-20 to +50 °C
<b>Weight</b>	113 g

