

KERN TB 200-0.1US

KERN

Reliable material thickness gauge for daily use



Category

Brand	Sauter
Product category	Material thickness measuring device
Product group	Ultrasonic Material thickness gauge pulse-echo method
Product family	TB-US

Measuring System

Units	mm inch
Tolerance (% of [Max])	0,5%
Readability material thickness [d] (mm)	0,1 mm
Speed of sound [Min] (m/s)	500 m/s
Speed of sound [Max] (m/s)	9999 m/s
Material thickness pulse-echo [Min] (mm)	1,5 mm
Material thickness pulse-echo [Max] (mm)	200 mm
Measuring head diameter	8 mm
Measuring head measuring frequency	5 MHz

Approval

CE mark	✓
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Construction

Dimension (W×D×H)	161×69×32 mm
Dimension housing (W×D×H)	161×69×32 mm
Dimensions completely mounted (W×D×H)	161×69×32 mm

Material housing	plastic
Cable length	0,9 m

Power Supply

Supplied power supply	Battery
Battery	4×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery capacity	2.600 mAh
Battery voltage	1,5 V

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	50 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	260×215×75 mm
Net weight	0,292 kg
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	1,00 kg
Shipping weight	0,958 kg

Services (optional)

Article number for factory calibration	961-113
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Pictograms

STANDARD



OPTION

