

KERN TN 30-0.01EE

KERN

Hand-held measuring device for ultrasonic material thickness testing in Echo-Echo principle



Approval

CE mark ✓

Display

Display type LCD
Display digit height 14 mm

Construction

Dimension (W×D×H) 150×74×32 mm
Dimension housing (W×D×H) 150×74×32 mm
Dimensions completely mounted (W×D×H) 150×74×32 mm
Material housing plastic
Cable length 0,9 m

Functions

Memory function ✓
Interfaces USB-Device

Power Supply

Supplied power supply Battery
Battery 2×1.5 V AA
Battery / accumulator type Alkali(-Manganese)
Battery capacity 3.000 mAh
Battery voltage 1,5 V
Battery operating time 100 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N) 1 d
Dimensions packaging (W×D×H) 320×248×85 mm
Net weight 0,245 kg
Shipping method Parcel service
Net weight approx. 0,25 kg
Gross weight approx. 1,4 kg
Shipping weight 1,33 kg

Services (optional)

Article number for factory calibration 961-113

Category

Brand Sauter
Product category Material thickness measuring device
Product group Ultrasonic Material thickness gauge Echo-Echo Method
Product family TN-EE

Measuring System

Units mm
inch
Tolerance (% of [Max]) 0,5%
Readability material thickness [d] (mm) 0,01 mm
Speed of sound [Min] (m/s) 1000 m/s
Speed of sound [Max] (m/s) 9999 m/s
Material thickness pulse-echo [Min] (mm) 0,65 mm
Material thickness pulse-echo [Max] (mm) 600 mm
Material thickness echo-echo [Min] (mm) 3 mm
Material thickness echo-echo [Max] (mm) 30 mm
Measuring head diameter 10 mm
Measuring head measuring frequency 5 MHz
Internal data memory: Number of value groups 20
Internal data memory: Number of individual values 100

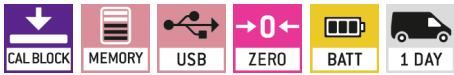
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Pictograms

STANDARD



OPTION

