

KERN FA 500

KERN

Mechanical force gauge for tensile and compressive force measurements with peak hold function



Category

Brand	Sauter
Product category	Force measurement
Product group	Mechanical force gauge
Product family	FA

Measuring System

Default unit	N
Tolerance (% of [Max])	1%
Measuring range force [Max] (N)	500 N
Readability force [d] (N)	2,5 N
Directions of force	tension compression
Overload protection (% of [Max])	150%

Construction

Dimension (W×D×H)	232×60×51 mm
Dimension housing (W×D×H)	232×60×51 mm
Dimensions completely mounted (W×D×H)	232×60×51 mm
Material housing	plastic
Load support (tensile force)	Hook
Mounting - force application	External thread M6

Functions

Peak function	✓
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Environmental conditions

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

Packing & Shipping

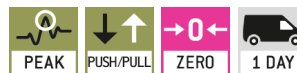
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	325×190×95 mm
Net weight	0,662 kg
Shipping method	Parcel service
Net weight approx.	0,70 kg
Gross weight approx.	1,4 kg
Shipping weight	1,22 kg

Services (optional)

Article number for factory calibration	961-3610
Article number for factory calibration (tensile force)	961-1610
Article number for factory calibration (compressive force)	961-2610
Article number for factory calibration (tensile force/ compressive force)	961-3610

Pictograms

STANDARD



OPTION

