SAUTER **FA 50-2025a**

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



Date of creation: 23.10.2026

Category

Brand	Sauter
Product category	Force measurement
Product group	Mechanical force gauge
Product family	FA-2025a

Measuring System

Directions of force	tension compression
Measuring range force [Max] (N)	50 N
Readability force [d] (N)	0,25 N
Overload protection (% of [Max])	150%
Tolerance (% of [Max])	1%
Default unit	N

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
Mounting - force application	External thread M6
Load support (tensile force)	Hook

Functions

Peak function	✓

Environmental conditions

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

Services (optional)

Article number for factory calibration	961-361O
Article number for factory calibration (tensile force)	961-161O
Article number for factory calibration (compressive force)	961-261O
Article number for factory calibration (tensile force/ compressive force)	961-361O

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	325×190×95 mm
Shipping method	Parcel service
Net weight approx.	0,60 kg
Gross weight approx.	1,2 kg
Shipping weight	1,2 kg
Shipping volume weight	1,2 kg

Product information

GTIN/EAN number	4045761139954
Trade number	90248000
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

