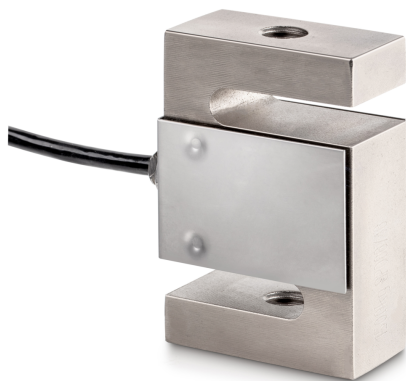


SAUTER CS 750-3P1

KERN

4-wire "S" measuring cell made of nickel-plated steel for force and mass measurement



Category

Brand	Sauter
Product category	Measuring cell
Product group	Load/force measuring cell
Product family	CS P1

Measuring System

Weighing capacity [Max]	750 kg
Measuring range force [Max] (N)	7,5 kN
Load cell - characteristic value - nominal	2 mV/V
Load cell OIML class	C3
Load cell connection	4-wire
Power supply + Colour	red
Power supply - Colour	black
Signal + Colour	green
Signal - Colour	white
Load cell - Resolution (verifiable)	3000 e

Measuring applications	force mass
Directions of force	tension compression

Load cell - Y-value	10000
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Load cell - Input resistance - nominal	350 Ω
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Load cell - Output resistance - nominal	351 Ω
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Load cell - Recommended excitation voltage [Min]	5 V
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Load cell - Recommended excitation voltage [Max]	12 V
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Load cell - Isolation resistance - [Min]	500 M Ω
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Load cell - Combined error	0,02%
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Safe overload	150%
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Ultimate overload	300%
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Functions

IP protection - complete device	IP67
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Construction

Material	steel, nickel-plated
Design	"S" shaped cell
Dimension (W×D×H)	50,8×76,2×20,8 mm
Cable length	3 m
Mounting - force application	Threaded hole M12
Mounting - force dissipation	Threaded hole M12

Environmental conditions

Ambient temperature [Min]	-35 °C
Ambient temperature [Max]	65 °C
Use temperature [Min]	-10 °C
Use temperature [Max]	40 °C
Storage temperature [Min]	-40 °C
Storage temperature [Max]	70 °C

Approval

CE mark	✓
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Services (optional)

Article number for factory calibration (tensile force)	961-164V
Article number for factory calibration (tensile force/ compressive force)	961-364V

Product information

GTIN/EAN number	4045761221581
REACH classification	no prohibited substances

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	185×155×60 mm
Net weight approx.	0,55 kg
Gross weight approx.	0,65 kg
Shipping weight	0,617 kg

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Pictograms

STANDARD



OPTION

