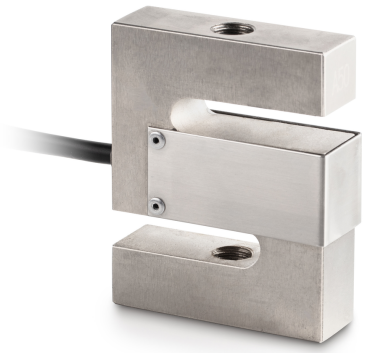
KERN **CS 200-3Q1**

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



Category

Brand	Sauter
Product categoriy	Measuring cell
Product group	Load/force measuring cell
Product family	CS Q1

Measuring System

Weighing capacity [Max]	200 kg
Load cell connection	6-wire
Load cell OIML class	C3
Load cell - Resolution (verifiable)	3000 e
Load cell - characteristic value - nominal	2 mV/V
Load cell - characteristic value - variance	0,002 mV/V
Load cell - Y-value	10000
Load cell - Combined error	0,017%
Load cell - Dead load [Min] (%)	0%
Measuring applications	force mass
Load sell - Input resistance - nominal	400 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Recommended exitation voltage [Min]	10 V
Load cell - Recommended exitation voltage [Max]	15 V
Load cell - Input resistance - variance	20 Ω
Load cell - Output resistance - variance	3 Ω
Measuring range force [Max] (N)	2 kN
Directions of force	tension compression

Approval

CE mark	✓

Construction

Design	"S" shaped cell
Dimension (W×D×H)	80×62,1×19 mm
Material	steel, nickel-plated
Cable length	5 m
Mounting - force application	Threaded hole M12
Mounting - force dissipation	Threaded hole M12

Functions

IP protection - complete device	IP67

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-30 °C
Storage temperature [Max]	70 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	250×155×60 mm
Net weight	0,78 kg
Shipping method	Parcel service
Net weight approx.	0,80 kg
Gross weight approx.	0,90 kg
Shipping weight	0,899 kg

Services (optional)

Article number for DAkkS calibration (tensile force)	963-162V
Article number for DAkkS calibration (compressive force)	963-262V
Article number for DAkkS calibration (tensile force/ compressive force)	963-362V

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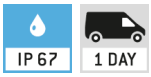
Pictograms

STANDARD



OPTION