SAUTER **CB 750-3Q2**

Bending beam and shear beam load cell made from stainless steel

Date of creation: 10.08.2026

Category

Brand	Sauter
Product category	Measuring cell
Product group	Load cell
Product family	CB Q2

Measuring System

Weighing capacity [Max]	750 kg
Load cell - characteristic value - nominal	2 mV/V
Load cell - characteristic value - variance	0,002 mV/V
Load cell OIML class	C3
Load cell connection	4-wire
Load cell - Resolution (verifiable)	3000 e
Load cell - Dead load [Min] (%)	0%
Measuring applications	mass
Directions of force	compression
Load cell - Y-value	10000
Load sell - Input resistance - nominal	400 Ω
Load cell - Output resistance - nominal	350 Ω
Load cell - Input resistance - variance	20 Ω
Load cell - Output resistance - variance	3 Ω
Load cell - Recommended exitation voltage [Min]	10 V
Load cell - Recommended exitation voltage [Max]	15 V
Load cell - Isolation resistance - [Min]	5000 MΩ
Load cell - Combined error	0,017%

Functions

IP protection - complete device	IP68

Construction

Material	steel, stainless
Design	bending beam
Dimension (Ø×H)	50×136,5 mm
Cable length	3 m
Mounting - force application	Through-hole Ø 13 mm
Mounting - force dissipation	2 × through hole Ø 13 mm

Environmental conditions

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

Approval

CE mark	✓

Product information

Warranty Time	24 mon
Trade number	84239010
GTIN/EAN number	4045761220782

Packing & Shipping

Shipping method	Parcel service
Delivery time	1 d
Dimensions packaging (W×D×H)	250×155×60 mm
Net weight approx.	0,50 kg
Gross weight approx.	0,70 kg
Shipping volume weight	0,5 kg

Pictograms

STANDARD

OPTION