# SAUTER **CB 750-3Q2**

Bending beam and shear beam load cell made from stainless steel



**Date of creation: 23.10.2026**

## 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

| | |
|---|---|
| GTIN/EAN number | 4045761220782 |
| Trade number | 84239010 |
| Warranty Time | 24 mon |
| REACH classification | no prohibited substances |

## 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 |

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## Pictograms

### STANDARD




### OPTION

