



**CR Q1**  
Loadcell made of stainless steel

**Technical data**

- Accuracy in accordance with OIML R60 C1
- RoHS compliant
- Protection against dust and water splashes IP68 (in accordance with EN 60529), hermetically encapsulated
- Stainless steel
- Area of application: Measuring mass as well as compressive force
- Suitable for vehicle scales, weigh hoppers, vehicle testing equipment, test stands
- Nominal sensitivity: 2 mV/V
- Cable length 10 m

**Accessories**

- Load corner, steel, galvanised, suitable for CR Q1
  - [Max] ≤ 10 t: SAUTER CE Q42901
  - [Max] ≥ 20 t: SAUTER CE Q42902
- Load corner, steel, stainless, suitable for CR Q1
  - [Max] ≤ 10 t: SAUTER CE RQ42901
  - [Max] ≥ 20 t: SAUTER CE RQ42902



STANDARD      OPTION

IP 68   1 DAY      ISO +4 DAYS

[Max] ≤ 25 t/250 kN

Model                      Nominal load

SAUTER	
CR 2500-1Q1	2,5 t/25 kN
CR 5000-1Q1	5 t/50 kN
CR 10000-1Q1	10 t/100 kN
CR 20000-1Q1	20 t/200 kN
CR 30000-1Q1	30 t/300 kN

**CR P1**  
Loadcell made of stainless steel

**Technical data**

- Accuracy in accordance with OIML R60 C3
- RoHS compliant
- Protection against dust and water splashes IP68 (in accordance with EN 60529), hermetically encapsulated
- Stainless steel
- Area of application: Measuring mass as well as compressive force
- Suitable for weighbridges, handing scales, silo scales and other types of balances, test stands, etc.
- Nominal sensitivity: 1 – 2 mV/V, depending on nominal load
- Cable length
  - [Max] ≤ 1000 kg: 3 m
  - [Max] ≥ 2000 kg: 6 m

**Accessories**

- Load corner for CR 1000-3P1, CR 250-3P1, CR 500-3P1, steel, incl. pressure piece, SAUTER CE P244011
- Pressure piece for CR 1000-3P1, CR 250-3P1, CR 500-3P1, steel, SAUTER CE P244012
- Load corner for CR 2000-3P1, steel, stainless incl. pressure piece, SAUTER CE P244021
- Pressure piece for CR 2000-3P1, steel, stainless, SAUTER CE P244022

STANDARD      OPTION

IP 68   4 DAYS      DAkkS +3 DAYS      ISO +4 DAYS

[Max] ≤ 500 kg/5 kN

Model                      Nominal load

SAUTER	
CR 60-3P1	60 kg/0,6 kN
CR 130-3P1	130 kg/1,3 kN
CR 250-3P1	250 kg/2,5 kN
CR 500-3P1	500 kg/5 kN
CR 1000-3P1	1000 kg/10 kN
CR 2000-3P1	2000 kg/20 kN

**CR Y1**  
Loadcell made of steel alloy

**Technical data**

- Accuracy in accordance with OIML R60 C1
- RoHS compliant
- High precision comprehensive Error 0,05 % F.S.)
- Protection against dust and water splashes IP68 (in accordance with EN 60529), hermetically encapsulated
- Stainless steel
- Area of application: for weight, tensile and compressive force measurement
- Suitable for weight measurement as well as force and force test stands
- Force transmission via pressure piece or threaded hole
- Nominal sensitivity: 2 mV/V
- Cable length: 3 m
- Pressure piece included with delivery
- Thread for pressure piece or other force application:
  - up to 5000 kg M16×1,5,
  - from 10000 kg M32×1,5

STANDARD      OPTION

IP 68   1 DAY      DAkkS +3 DAYS      ISO +4 DAYS

[Max] ≤ 500 kg/5 kN

Model                      Nominal load

SAUTER	
CR 500-1Y1	0,5 t/5 kN
CR 1000-1Y1	1 t/10 kN
CR 5000-1Y1	5 t/50 kN
CR 10000-1Y1	10 t/100 kN
CR 20000-1Y1	20 t/200 kN

**Tip:** Further details and technical data sheet as well as an extensive range of accessories can be found at [www.sauter.eu](http://www.sauter.eu)