



CO Y1



CO Y2/CO Y3



CO Y4



CS Y1
Miniature “S”-load/force measuring cell made of stainless steel

Technical data

- High precision (comprehensive Error 0,05 % F.S.)
- Accuracy in accordance with OIML C1
- RoHS compliant
- Protection against dust and water splashes IP65
- Stainless steel
- Area of application: Tensile and compressive applications, mass and force measurement
- Suitable for force test stands, hanging scales, silo scales and various other balances
- 4-wire connection
- Nominal sensitivity: 1,3 – 2 mV/V, depending on nominal load
- Cable length: 2 m

STANDARD OPTION

IP 65 1 DAY ISO +4 DAYS

Model Nominal load

SAUTER	
CS 1-Y1	1 kg/10 N
CS 2-Y1	2 kg/20 N
CS 5-Y1	5 kg/50 N
CS 10-Y1	10 kg/100 N
CS 20-Y1	20 kg/200 N

CO Y1 · CO Y2 · CO Y3 · CO Y4
Miniature cylindrical load cell made from stainless steel

Technical data

- RoHS compliant
- Suitable for weight measurement as well as force and force test stands
- 4-wire connection

CO Y1 · CO Y4

- High precision (comprehensive Error 0,5 % F.S.)
- Accuracy in accordance with OIML G5
- Area of application: Compressive applications
- Nominal sensitivity: 1,0 – 1,5 mV/V, depending on nominal load

CO Y2 · CO Y3

- High level of accuracy, Comprehensive error CO Y2: 0,5 % F. S. | CO Y3: 0,1 % F. S.
- Accuracy in accordance with OIML G5 (CO Y2) | G10 (CO Y3)
- Area of application: Tensile and compressive applications
- Nominal sensitivity: 1,5 – 2 mV/V, depending on nominal load
- Cable length: 2 m

STANDARD OPTION

IP 65 IP 66 IP 67 1 DAY DAKKS +3 DAYS ISO +4 DAYS

CO Y1, CO Y2 CO Y3 CO Y4 [Max] ≤ 500 kg/5 kN

Model Nominal load

SAUTER	
CO 10-Y1	10 kg/100 N
CO 20-Y1	20 kg/200 N
CO 50-Y1	50 kg/500 N
CO 100-Y1	100 kg/1 kN
CO 200-Y1	200 kg/2 kN
CO 500-Y1	500 kg/5 kN
CO 1000-Y1	1000 kg/10 kN
CO 2000-Y1	2000 kg/20 kN
CO 10-Y2	10 kg/100 N
CO 20-Y2	20 kg/200 N
CO 50-Y2	50 kg/500 N
CO 100-Y2	100 kg/1 kN
CO 200-Y2	200 kg/2 kN
CO 500-Y2	500 kg/5 kN
CO 1000-Y2	1000 kg/10 kN
CO 2000-Y2	2000 kg/20 kN
CO 5-Y3	5 kg/50 N
CO 10-Y3	10 kg/100 N
CO 5-Y4	5 kg/50 N
CO 10-Y4	10 kg/100 N

CO Y5
Tension and compression force measuring cell made from stainless steel

Technical data

- Accuracy in accordance with OIML R60 G1
- CE and RoHS compliant
- Protection against dust and water splashes IP66 (in accordance with EN 60529)
- Stainless steel
- Very low design
- Suitable for test stands, force gauges, automation systems, etc.
- 4-wire connection
- Nominal sensitivity: CO 0.5-Y5, CO 1-Y5: 1 mV/V
CO 5-Y5, CO 10-Y5: 2 mV/V
- Cable length: 2 m

STANDARD OPTION

IP 66 1 DAY DAKKS +3 DAYS ISO +4 DAYS

[Max] ≥ 1 kg/10 N

Model Nominal load

SAUTER	
CO 0.5-Y5	500 g/5 N
CO 1-Y5	1 kg/10 N
CO 5-Y5	5 kg/50 N
CO 10-Y5	10 kg/100 N