



**CO Y1**  
Miniature cylindrical load cell made from stainless steel

**Technical data**

- Accuracy in accordance with OIML G5
- High precision (comprehensive Error 0,5 % F.S.)
- RoHS compliant
- Protection against dust and water splashes IP65
- Area of application: Compressive applications
- Suitable for weight measurement as well as force and force test stands
- Nominal sensitivity: 1,0 – 1,5 mV/V, depending on nominal load
- Cable length: 2 m

**CO Y2**  
Miniature cylindrical load cell made from stainless steel

**Technical data**

- Accuracy in accordance with OIML G5
- High level of accuracy (Comprehensive error 0,5 % F. S.)
- RoHS compliant
- Protection against dust and water splashes IP65
- Area of application: Tensile and compressive applications
- Suitable for weight measurement as well as force and force test stands
- Nominal sensitivity: 1,5 – 2 mV/V, depending on nominal load
- Cable length: 2 m

**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

**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)

<b>STANDARD</b>	<b>OPTION</b>
	[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

<b>STANDARD</b>	<b>OPTION</b>
	[Max] ≤ 500 kg/5 kN

**Model**                      Nominal load

SAUTER	
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

<b>STANDARD</b>	<b>OPTION</b>
	[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