

Steel S-type load cells

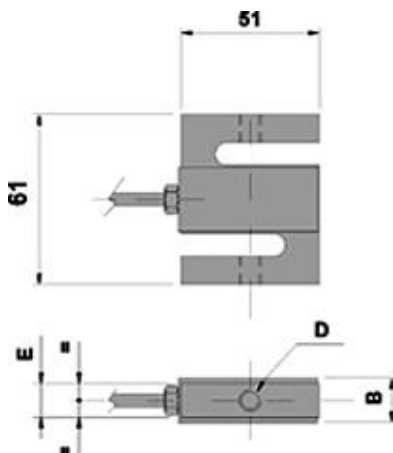
Tension or Compression approved load cells

- C3 precision class
- 17-4 PH stainless steel
- IP67 protection
- capacities 100 and 500 kg
- for weighing hoppers, tanks, scales with levers, and other weighing devices.
- shielded connection cable
- OIML approved
- **option:** II 1GD ATEX certified



Type RST1

Minimum load cell verification interval:	$V_{min} = E_{Max} / 10.000$ (for RST-500 model); $V_{min} = E_{Max} / 7.000$ (for RST-100 model)
Maximum number of verification intervals:	nLC = 3000
Combined error:	0,03% of Full Scale Output (F.S.)
Non-Repeatability:	0,01% F.S.
Full Scale Output:	3mV/V +/- 0,08%
Temperature effect on zero:	0,017% /°C
Temperature effect on full scale output:	0,014% /°C
Compensated Temperature Range	: -10°C/+40°C
Operating Temperature Range:	-35°C/+65°C
Creep error after 30 minutes:	0,02% F.S.
Maximum tolerated excitation voltage:	18 VDC
Input Resistance:	430 ± 60 Ohm
Output Resistance:	350 ± 3.5 Ohm
Zero balance:	+/-1% F.S.
Insulation Resistance:	>5000 MOhm
Safe Overload:	150% F.S.
Ultimate Overload:	>300% F.S.
4-wire shielded cable:	6m long, 5 mm diameter



Wiring Code	
Colour	Function
--	Shield
Green	Output +
Red	Input +
White	Output -
Black	Input -

Dimensions

Type	B	D	E
RST1 - 100 kg	15,06	M8	11,68
RST1 - 500 kg	21,41	M12	18,03