

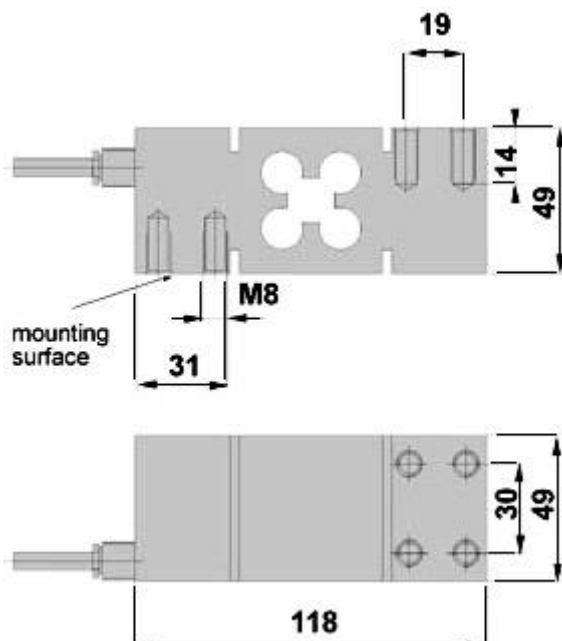
## Stainless steel single point load cells for off center loads suitable for application with CE verified scales with a single load cell.

- C3 precision class
- off center load compensated
- 17-4 PH stainless steel
- IP68 protection
- capacities from 100 up to 500 kg
- for platforms with dimensions up to 600 x 600 mm
- shielded connection cable
- OIML approved
- **Option:** II 1GD ATEX certified



### Type RSP2

Minimum load cell verification interval:	$V_{min} = E_{Max} / 10.000$
Maximum number of verification intervals:	$n_{LC} = 3000$
Full Scale Output:	2mV/V +/- 10%
Temperature effect on zero:	0,0014% /°C
Temperature effect on full scale output:	0,0013% /°C
Compensated Temperature Range:	-10°C/+40°C
Operating Temperature Range:	-30°C/+85°C
Creep error after 4 hours:	0,03% F.S.
Maximum tolerated excitation voltage:	15 VDC
Input Resistance:	382 ±10 Ohm
Output Resistance:	350 ± 3 Ohm
Zero Balance:	+/-2% F.S.
Insulation Resistance:	>5000 MOhm
Safe Overload:	150% F.S.
Ultimate Overload:	>300% F.S.
Nominal displacement:	< 0.3 mm
6-wire shielded cable:	3m long, 5mm diameter



Type	Capacity
RSP2 - 100	100 kg
RSP2 - 200	200 kg
RSP2 - 500	500 kg

Wiring Code	
Colour	Function
Green	Output +
Purple	Sense +
Red	Input +
White	Output -
Black	Input -
Grey	Sense -