

SL

SL SERIES TENSION LOAD CELLS



Tension or compression load cells for weighing hoppers, tanks and with other weighing devices.

CAPACITIES (kg): 15, 30, 50, 100, 300, 500, 1000.

Alloy steel. IP67 protection.

Working in cooperation with:

VETEK AB

HANTVERKSVÄGEN 15 - 76493 - VÄDDÖ - SWEDEN
Tel. +46176-208920, info@vetek.com, www.vetek.com

The best solution
for advanced industrial
applications

MAIN FEATURES

- ALLOY STEEL CONSTRUCTION
- IP67 PROTECTION RATING
- MAX. CAPACITIES FROM 15 TO 1000 kg

TECHNICAL FEATURES

- Non-Repeatability: 0,01% F.S.
- Full Scale Output: 2mV/V +/- 10%
- Temperature effect on zero: 0,02% /°C
- Temperature effect on full scale output: 0,02% /°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: 381 ± 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.
- 4-wire shielded cable, 5m long, 5,5 mm diameter

Wiring Code

| <i>Colour</i> | <i>Function</i> |
|---------------|-----------------|
| RED | INPUT + |
| BLACK | INPUT - |
| GREEN | OUTPUT + |
| WHITE | OUTPUT - |
| -- | SHIELD |

VERSIONS

Available versions

| Codice | Max (kg) |
|--------|----------|
| SL15 | 15 |
| SL30 | 30 |
| SL50 | 50 |
| SL100 | 100 |
| SL300 | 300 |
| SL500 | 500 |
| SL1000 | 1000 |



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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.