DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

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.

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

Colour	*Function*
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

www.diniargeo.com



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SALES AND TECHNICAL ASSISTANCE SERVICE

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