

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

<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



“YOUR WORLDWIDE PARTNER FOR WEIGHING”

DINI ARGEO
FRANCE sarl
France

DINI ARGEO
GMBH
Germany

DINI ARGEO
UK Ltd
United Kingdom

DINI ARGEO WEIGHING
INSTRUMENTS Ltd
China

DINI ARGEO
OCEANIA
Australia



COMPANY HEADQUARTERS

Via Della Fisica, 20
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 843418

SERVICE ASSISTANCE

Via Dell'Elettronica, 15
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 921784



SALES AND TECHNICAL ASSISTANCE SERVICE