

SBZ

ALUMINIUM SHEAR BEAM LOAD CELLS "SBZ"



Lightweight aluminium Shear Beam load cells, especially indicated to create 4 load cells floor scales.

CAPACITIES (kg): 300, 500, 1000.

OIML R60. C3 precision class.

Aluminium.IP67 protection.

The best solution
for advanced industrial
applications

MAIN FEATURES

- OIML R60 APPROVED
- C3 PRECISION CLASS
- ALUMINIUM CONSTRUCTION
- IP67 PROTECTION DEGREE
- MAX. CAPACITIES 300kg - 500kg - 1000kg

TECHNICAL FEATURES

- Full scale output (FS): $2.0\text{mV/V} \pm 0.1\%$
- Maximum number of verification intervals (nLC): 3000
- Minimum verification interval $V_{\min}$ ($Y=E_{\max}/V_{\min}$): 10000
- Combined error (%FS): $\leq \pm 0.03$
- Repeatability: 0.02% $E_{\max}$
- Creep error after 30 minutes: 0.03% di $E_{\max}$
- Zero balance: $< \pm 1\%$ di $E_{\max}$
- Power supply (recommended): 10 Vdc
- Power supply (ultimate): 15Vdc
- Input resistance: $1000 \pm 20\Omega$
- Output resistance: $1000 \pm 10\Omega$
- Insulation resistance: $\geq 5000\text{M}\Omega$
- Compensated Temperature Range : $-10 \sim +50\text{ }^{\circ}\text{C}$
- Operating Temperature Range: $-20 \sim +60\text{ }^{\circ}\text{C}$
- Safe overload: 120% di $E_{\max}$
- 2m shielded connection wire, 4mm diameter.

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

VERSIONS

Available versions	
Codice	Max (kg)
SBZ300-1KL 	300
SBZ500-1KL 	500
SBZ1000-1KL 	1000



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



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SALES AND TECHNICAL ASSISTANCE SERVICE