DINI ARGEO
Scales - Weighing systems

SPSZ

SPSZ SERIES SINGLE POINT STAINLESS STEEL LOAD CELLS



Stainless steel load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 800x800 mm.

CAPACITIES (kg): 500, 1000.

17-4 PH stainless steel. IP68 protection. C3 precision class.

Working in cooperation with:

SC DATA SPEED SRL

STR DONATH N. 115/33 - 400331 - JUD. CLUJ
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The best solution
for advanced industrial
applications

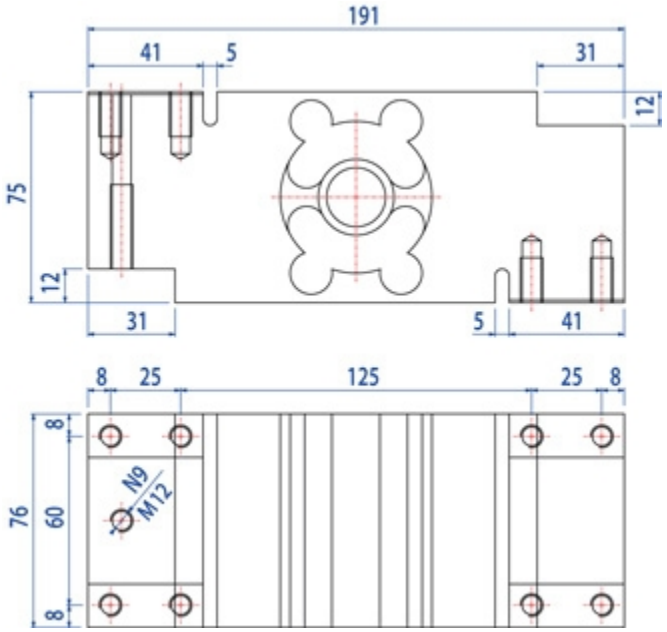
MAIN FEATURES

- C3 PRECISION CLASS
- OFF CENTER LOAD COMPENSATED
- MADE IN 17-4 PH STAINLESS STEEL
- IP68 PROTECTION
- MAX. CAPACITIES FROM 500 TO 1000 kg
- FOR PLATFORMS WITH DIMENSIONS UP TO 800 X 800 mm
- SHIELDED CONNECTION CABLE
- TEST CERTIFICATE AVAILABLE UPON REQUEST

TECHNICAL FEATURES

- Minimum load cell verification interval: Vmin = EMax / 10.000
- Maximum number of verification intervals: nLC = 3000
- Full Scale Output: 2mV/V +/- 10%
- Temperature effect on zero: 0,01% FS/10K
- Temperature effect on full scale output: 0,001% FS/10K
- Compensated Temperature Range: -10°C/+40°C
- Operating Temperature Range: -10°C/+50°C
- Creep at nominal load in 30 minutes: ± 0,01% F.S.
- Maximum tolerated excitation voltage: 15 VDC
- Input Resistance: 380 ± 15 Ohm
- Output Resistance: 350 ± 10 Ohm
- Insulation Resistance (100V) >2000 MOhm
- Safe Overload: 300% F.S.
- Ultimate Overload: 300% F.S.
- Nominal displacement: < 0.5 mm
- 6-wire shielded cable, 3m long, 5mm diameter

DETAIL 1



Dimensions in mm

Wiring Code	
Colour	*Function*
WHITE	OUTPUT +
GREEN	SENSE +
BLUE	INPUT +
RED	OUTPUT -
BLACK	INPUT -
GREY	SENSE -

VERSIONS

Available models

Code	Max (kg)	Platform l x w Max (mm)
SPSZ500	500	800 x 800
SPSZ1000	1000	800 x 800

www.diniargeo.com



DINI ARGEO FRANCE sarl
Nogent-sur-Marne

DINI ARGEO GMBH
Sinsheim - Germany

DINI ARGEO UK Ltd
Taunton - United Kingdom

DINI ARGEO WEIGHING INSTRUMENTS Ltd
Shanghai - China

DINI ARGEO WEIGHBRIDGES
Calto (RO) – Italy

DINI ARGEO
Scales - Weighing systems

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ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE