

# TABLE TOP LOAD CELL

## PRODUCT DATASHEET



### PRECISION WEIGHING & FORCE MEASUREMENT

Jragrau Single Point Load Cells are designed for accurate and stable force measurement in platform scales and industrial weighing systems. The robust construction and strain gauge technology ensure reliable performance, long-term stability, and consistent accuracy in demanding industrial environments.

### KEY FEATURES

- High accuracy and repeatability
- Compact single-point design for platform scales

### APPLICATIONS

- Platform and bench scales
- Packaging and filling machines
- Industrial weighing systems

### TECHNICAL SPECIFICATIONS

PARAMETER	METRIC (SI)
Capacity	3 kg to 500 kg
Sensitivity	2 mV/V $\pm$ 1%
Non-Linearity	0.02 % F.S
Repeatability	0.02 % F.S
Hysteresis	0.02 % F.S
Creep	0.02 % F.S / 30 min
Zero Balance	$\pm$ 0.5 % F.S
Zero Temperature Coefficient	$\pm$ 0.002 % F.S / $^{\circ}$ C
Rated Output Temperature Coefficient	$\pm$ 0.002 % F.S / $^{\circ}$ C
Temperature Compensation Range	-10 $^{\circ}$ C to +60 $^{\circ}$ C

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### PHYSICAL & BUILD

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- Compact machined metal construction
- Designed for off-center load compensation

**Cable:** 4 core silver plated shielded, 1 meter

### ELECTRICAL CHARACTERISTICS

LABEL	VALUE
Input Resistance	380 $\Omega$ $\pm$ 10 $\Omega$
Calibration	Manufacturer calibration
Recommended Supply Voltage	5–12 V DC/AC
Maximum Supply Voltage	20 V DC
Safe Overload	150 % F.S
Ultimate Overload	300 % F.S
Insulation Resistance	> 5000 M $\Omega$
Output Resistance	350 $\Omega$ $\pm$ 1 $\Omega$