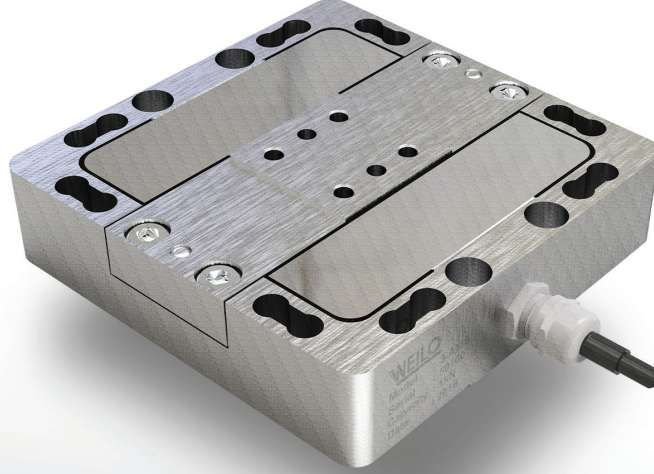


AXIS Force Sensor - Multi-Axis Load Cell



Load cell which measures forces and enables test machines to take durability or safety precautions.

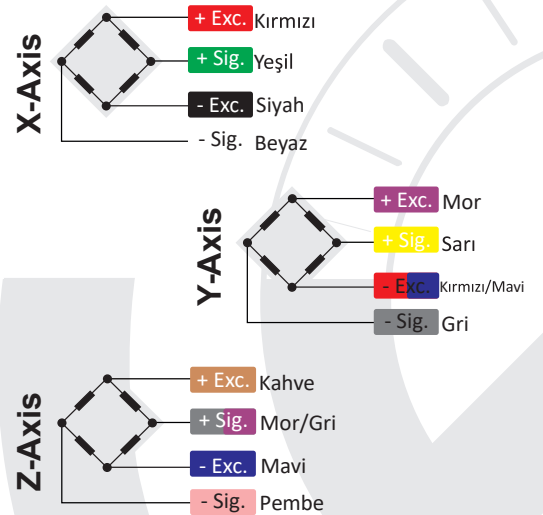


ABOUT PRODUCT

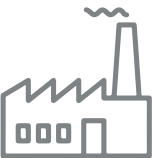
AXIS Force Sensor Load Cell measures the forces coming from the X, Y and Z directions and offers the opportunity to take durability or safety measures on your test machines.

AXIS Force Sensor Load Cell can be manufactured from aluminum, nickel-plated steel alloy and stainless steel.

CONNECTION DIAGRAM



APPLICATION AREAS

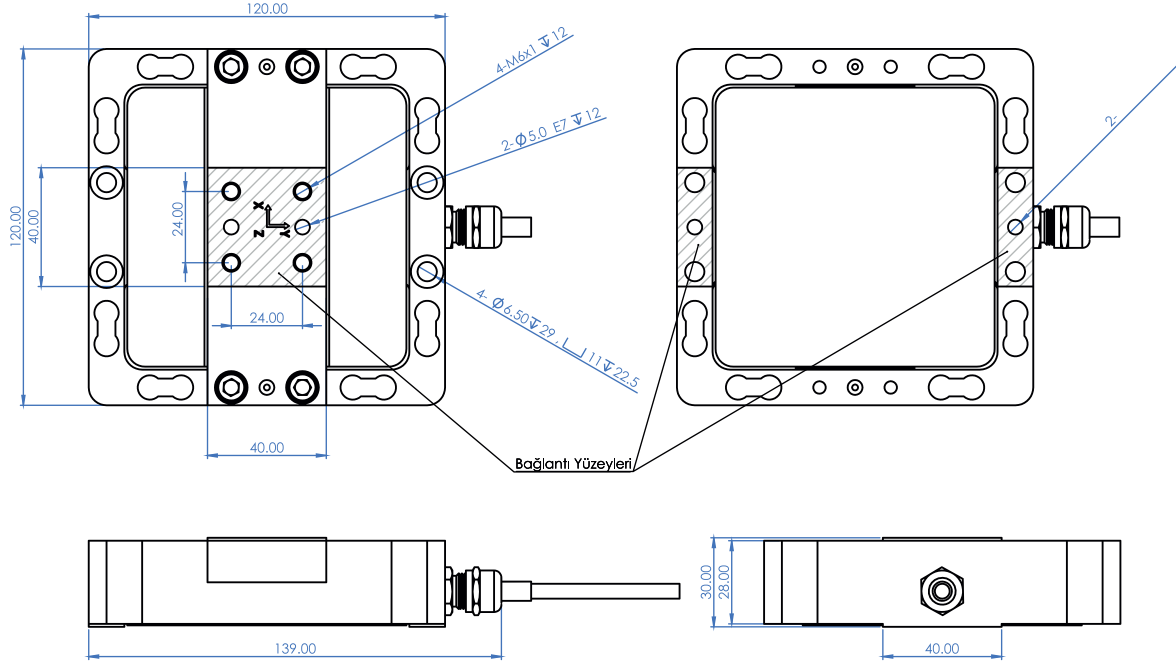


Machinery And Industry

FEATURES

- ✓ IP 65 protection class
- ✓ Stainless Steel / Aluminium
- ✓ Ease of installation

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Capacity	50, 100, 200, 300, 500 N - 1, 2, 5kN
Accuracy Class	0.5%
Minimum Load	0 kg
Total Error	±0.2 %FS
Output Sensitivity (FS)	1.00 ± 0.01mV/V
Zero Balance	±1 %FS
Input Resistance	740 Ω ± 10 Ω
Output Resistance	700 Ω ± 5 Ω
Isolation Resistance	≤ 5000 MΩ (100VDC)
Compensated Temperature	-10 ~ + 40 °C
Operating Temperature	-30 ~ + 70 °C
Excitation, Recommended Voltage	10 VDC
Maximum Excitation Voltage (Umax)	15 VDC
Safe Overload	120 % FS
Ultimate Overload	200 % FS
Ingress Protection (EN60529)	IP 65
Element Material	Stainless Steel / Aluminium
Cable	12x022mm ²