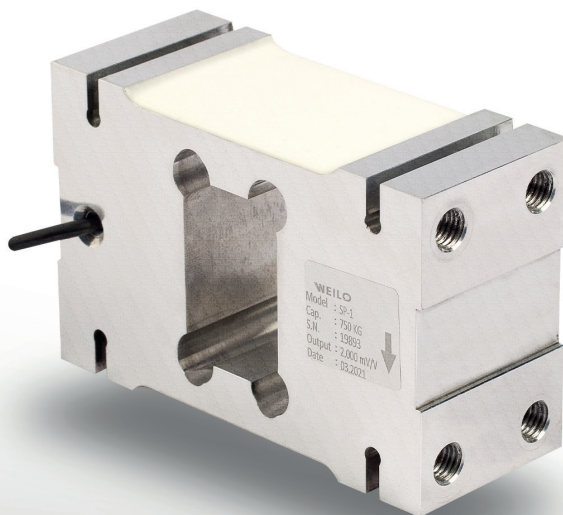


SP1 Single Point Load Cell



High performance and high capacity load cell that can be used alone in scale applications.

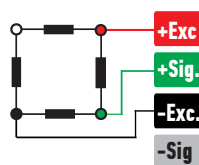


ABOUT PRODUCT

SP1 platform type load cell is produced from special alloy aluminum material, it becomes more resistant to environmental conditions with anodized coating.

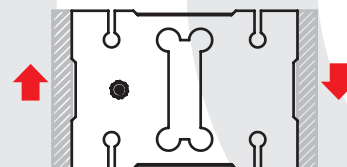
It can be used alone in platform scale applications, has high performance and high capacity.

CONNECTION DIAGRAM

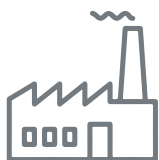


Red	Excitation+ (Input)
Green	Signal+ (Output)
Black	Excitation- (Input)
White	Signal- (Output)

WORK STYLE



APPLICATION AREAS



Machinery and Industry



Chemistry - Petrochemistry



Food



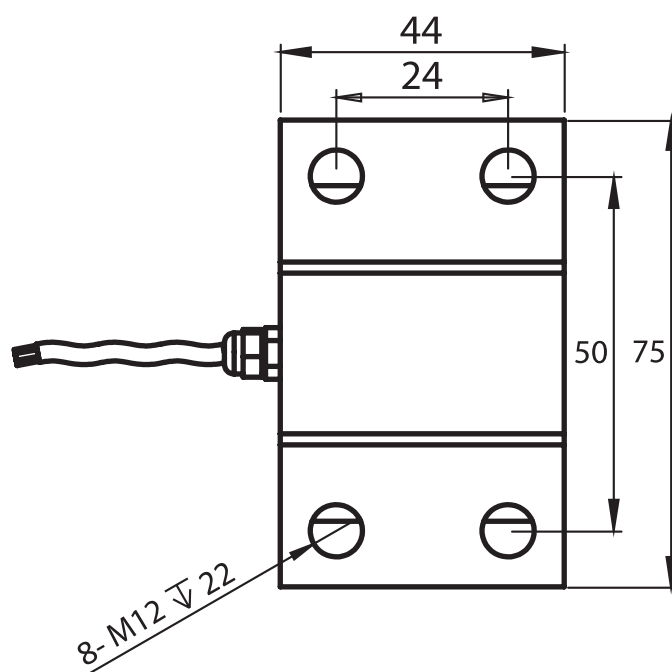
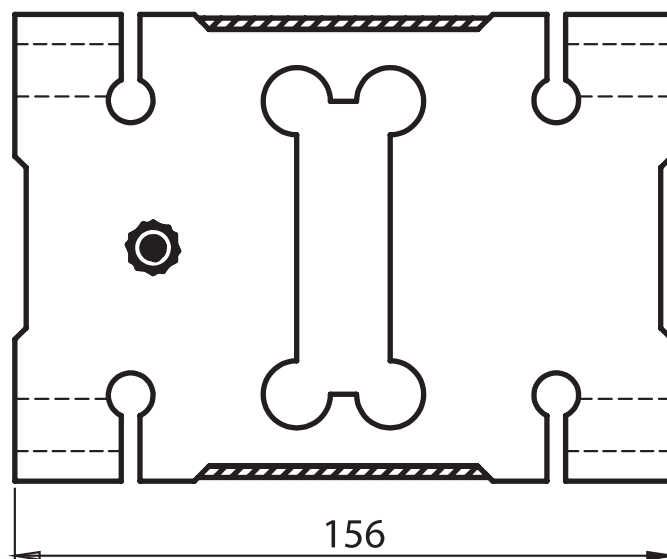
Agriculture and Livestock

FEATURES

- ✓ IP 65 protection class
- ✓ Aluminium
- ✓ Ease of installation

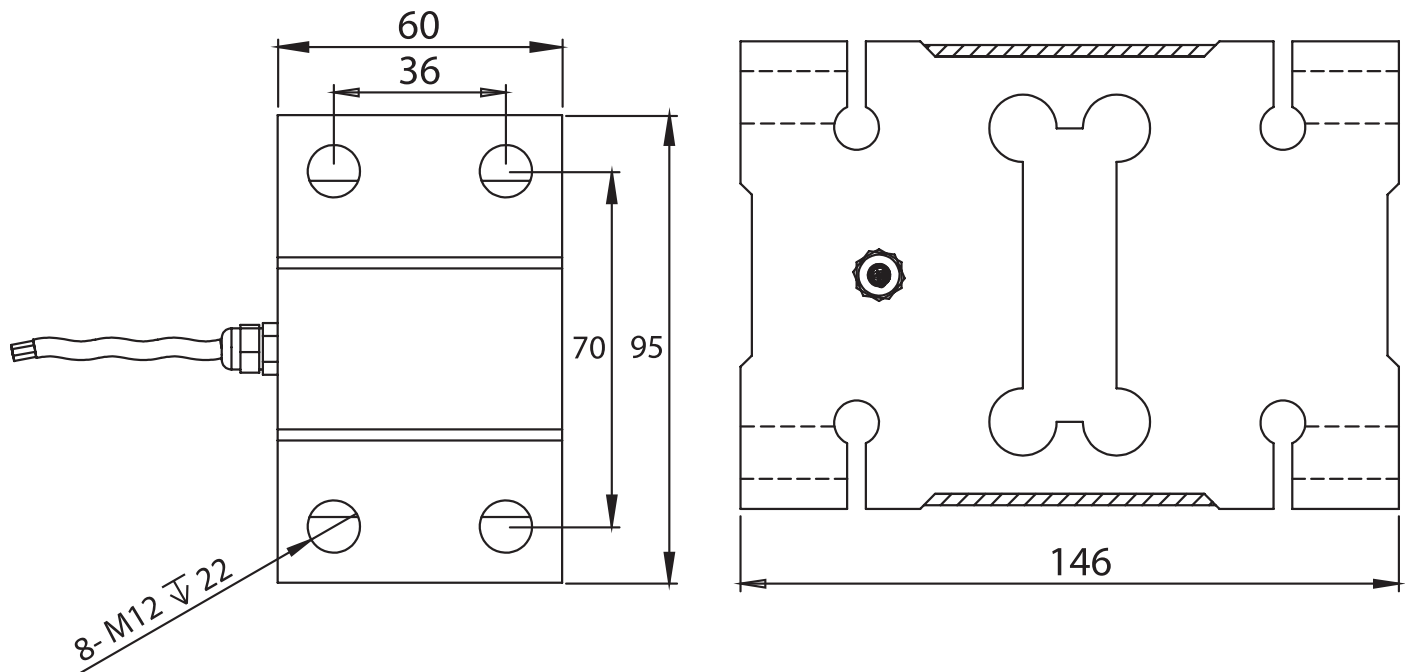
TECHNICAL DRAWING

50 - 200 Kg

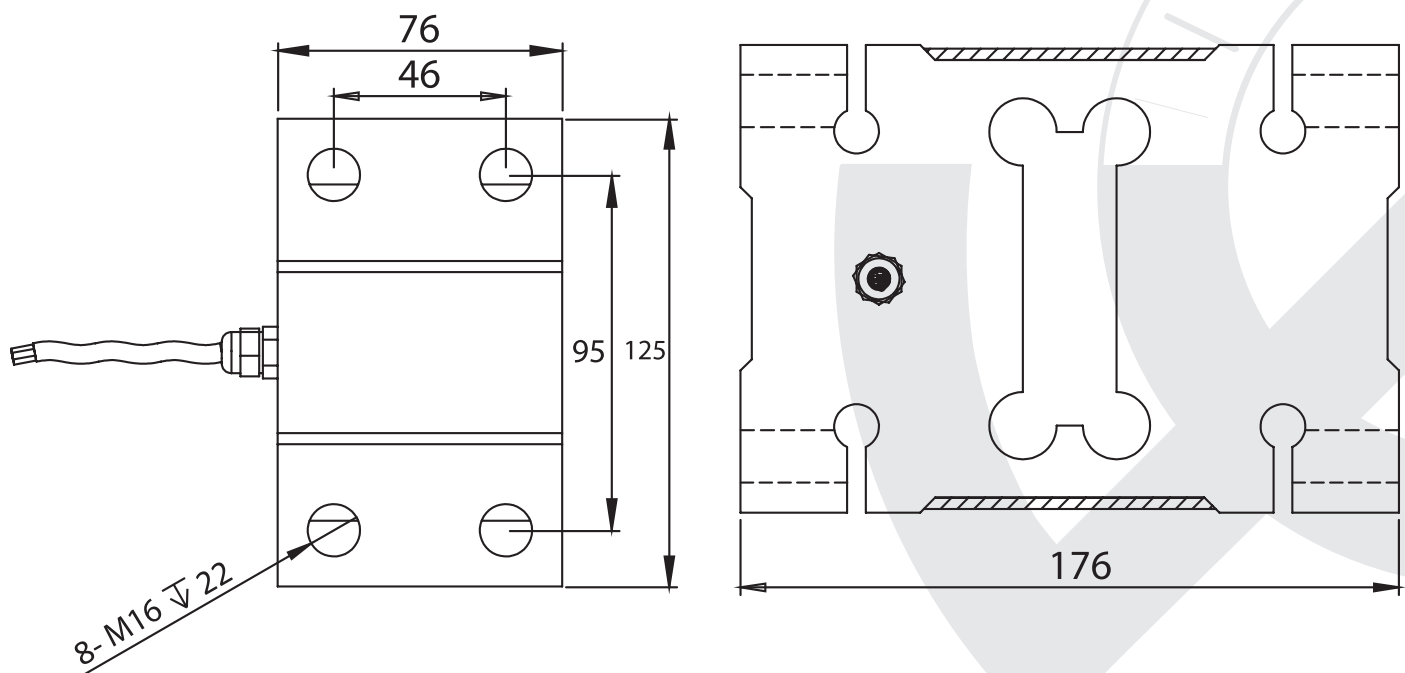


SP1 Single Point Load Cell

250 - 750 Kg



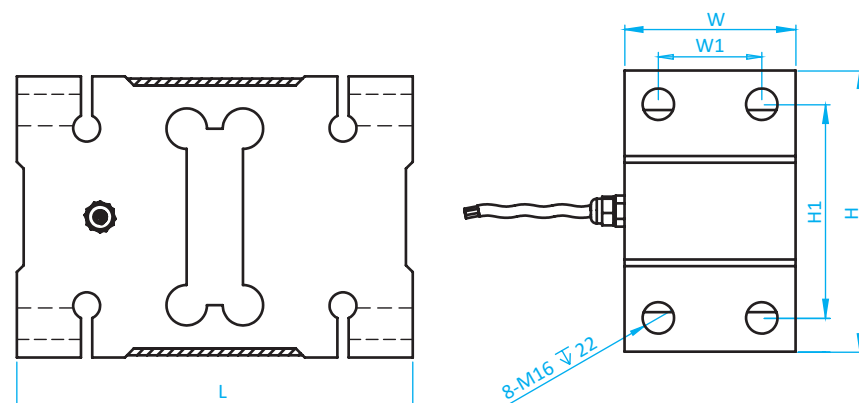
1000 - 2000 Kg



SP1 Single Point Load Cell

PLATFORM MEASUREMENTS

50 kg - 200 kg : 600 x 600 mm
 250 kg - 750 kg : 600 x 800 mm
 1000 kg - 2000 kg : 1200 x 1200 mm



CAPACITY	L	H	H1	W	W1	M
50 - 200 Kg	156	75	50	44	24	M12
250 - 750 Kg	146	95	70	60	36	M12
1000 - 2000 Kg	176	125	95	76	46	M16

TECHNICAL SPECIFICATIONS

Capacity	50,100,150,200,250,500,750,1000,2000 Kg
Accuracy Class	C3
Minimum Load	0 kg
Maximum Intervals (nLC)	3000
Minimum Verification Interval	7000
Total Error	±0.02 %FS
Output Sensitivity (FS)	2.00 ± 0.01mV/V
Zero Balance	± 1 %FS
Input Resistance	400 Ω ± 20 Ω
Output Resistance	352 Ω ± 3 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	Aluminium
Cable	4x022mm ²