

WF Foot Type Load Cell



A load cell that provides trouble-free and accurate weighing in industrial environments and can be easily mounted on the foot area.

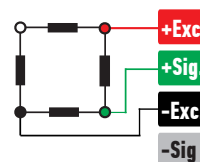


ABOUT PRODUCT

WF Foot Type Load Cell is a load cell designed for use in silos and tanks with easy installation on the foot area. Being made of stainless chrome steel, it provides seamless and accurate weighing in all industrial environments. WF is produced with the same logic as mine-type load cells, but provides more stable and reliable measurement in lateral loads compared to normal load cells. It can be easily mounted instead of the foot on tank silo-like platforms that directly contact the ground. All load cells in WEILO are tested in accordance with OIML R60 Procedures. WF load cell provides flawless operation under tough conditions with high-quality welding technologies that fully protect the electronic circuit in IP 67 class.

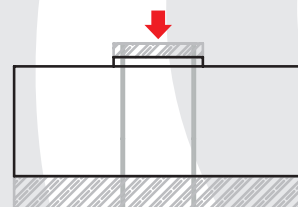
While using a 4x022mm fire retardant and noise resistant cable as standard, it can be produced with armored or Ex-Proof silicone cable, except for 4x022mm cable, as an option. Armored cables are more resistant to external factors and provide full protection against rodent animals. Silicone cables provide durability up to 178°C in Ex-Proof high-temperature working environment and above 200°C for short periods, while also ensuring trouble-free use below -55°C.

CONNECTION DIAGRAM



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

WORK STYLE

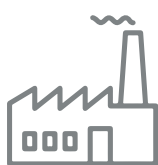


FEATURES

- ✓ IP 67 protection class
- ✓ Plated nickel, alloyed steel
- ✓ Ease of installation

WF Foot Type Load Cell

APPLICATION AREAS



Machinery And Industry



Agriculture And Livestock



Food



Chemistry - Petrochemistry



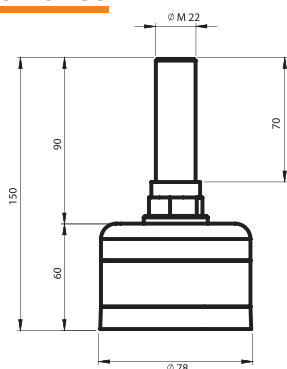
Concrete Batching Plants And Construction



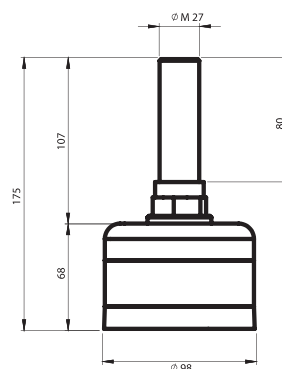
Textile

TECHNICAL DRAWING

1 - 2 - 3 - 5 Tones



10 Tones



TECHNICAL SPECIFICATION

Capacity	1, 2, 3, 5, 10 Tones
Accuracy Class	C2
Minimum Load	0 kg
Maximum Intervals (nLC)	2000
Minimum Verification Interval	10000
Total Error	$\pm 0.03 \%FS$
Output Sensitivity (FS)	2.00 mV \pm 0.005mV/V
Zero Balance	$\pm 1 \%FS$
Input Resistance	750 $\Omega \pm 30 \Omega$
Output Resistance	703 $\Omega \pm 5 \Omega$
Isolation Resistance	$\leq 5000 M\Omega$ (100VDC)
Compensated Temperature	-10 \sim +40 $^{\circ}C$
Operating Temperature	-30 \sim +70 $^{\circ}C$
Excitation, Recommended Voltage	10 VDC
Maximum Excitation Voltage (Umax)	15 VDC
Safe Overload	150 % FS
Ultimate Overload	300 % FS
Ingress Protection (EN60529)	IP 67
Element Material	Alloyed Steel / Stainless Steel
Cable	4x0.22mm ²