GM25 Weighing Load Cell

High Accuracy,Safe,Durable

/ADVANTAGE/

- High combined accuracy, compact structure
- Self-stable structure, excellent long-term stability
- Using first class alloy steel or stainless steel
- Anti-explosion, high-temperature load cells for choice
- Widely used in floor scale, platform scales, silo weighing and other industrial weighing control.

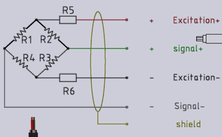
Highly consistent output feature makes it no need to adjust scales' angle differences, just need to adjust the height and level

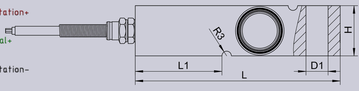
Operation temperature from -40℃ to +70 ℃

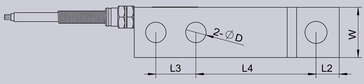
Ultra-high protection grade
Waterproof grade IP69,
High temperature steam washing degree IP69K

Ultra-strong waterproof feature
Under water depth of 1.5m, it works normally up to 10000 hours

GM25 Load Cell Dimensions

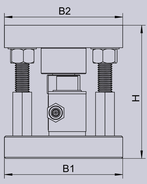


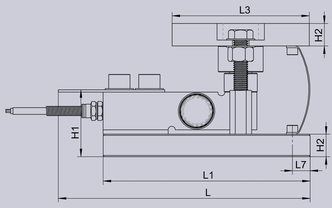


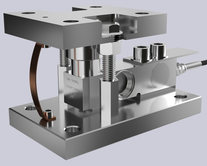


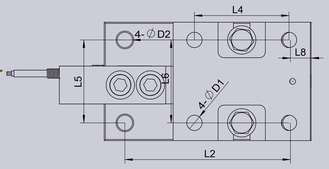
cap	L	L1	L2	L3	L4	H	W	D	D1
0.5~3t	130	55	13.7	25.4	76.2	31.8	31.8	13	M16
5t	171.5	77	19	38.1	95	38.1	38.1	20	M18*1.5
7.5~10t	225.6	104	25.4	50.8	124	50.8	50.8	27	M24*2

GM25 Weighing Module









cap	H	H1	H2	B1	B2	D1	D2	L	L1	L2	L3	L4	L5	L6	L7	L8
0.1~3t	106	58	18	100	100	13	13	210	175	140	116	80	70	70	17.5	18
5t	135	69.1	23	150	150	17	17	270	235	200	150	100	90	90	15	25
7.5~10t	186.3	91.3	38(upper) 25.5(lower)	180	180	26	26	345	310	250	210	150	110	110	30	30

GM25 Load Cell Technical Parameters

Item \Parameter	C3	C4	C5	C6	Unlt
Combined error	0.015	0.012	0.01	0.008	%E_{max}
Min load		0			kg
Max load		500 - 10000			kg
Rated output	Analog	2.0mv/V	Digital	1.000,000d	
Output allowable error		＜0.07			%C_n
Zero output signal		＜1.0			%C_n
Linear error		＜0.01			%C_n
Repeatability		＜0.005			%C_n
Creep	＜0.015	＜0.0125	＜0.010	＜0.008	%C_n
Lag error	＜0.015	＜0.0125	＜0.010	＜0.008	%C_n
Zero temp. effect	＜0.01	＜0.007	＜0.007	＜0.007	%C_n/10K
Capacity temp. effect	＜0.01	＜0.008	＜0.007	＜0.005	%C_n/10K
Input resistance		380±5			Ω
Output resistance		350±2			Ω
Insulation resistance		≥5000			MΩ
Safe overload		150			%
Extreme overload		300			%
Work temperature		-40~70			ºC
Recommend voltage		8~15			V(AC or DC)
Max work voltage		24			V(AC or DC)
Material		alloy steel / SS			
Protection grade		IP68/IP69/IP69K			
Cable length		3-16 m			
Standard		OMIL R60			