



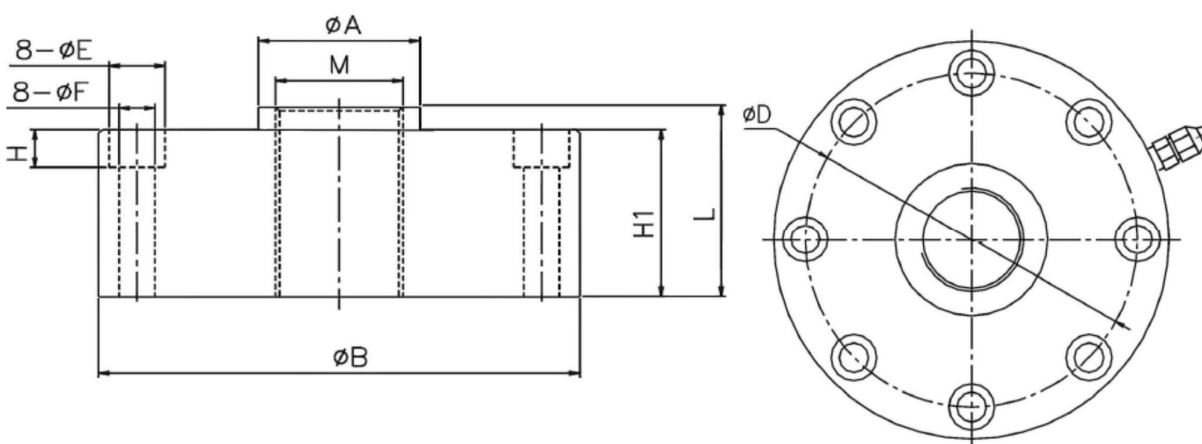
SPOKE TYPE LOAD CELL

Model: GM-LCL-3

Capacities: 2T to 300T

Description:

GM-LCL-3 spoke type sensor adopts short & high shear beam, excellent rigidity, strong lateral force resistance, output sensitivity up to 4mV/V & overload self-locking structure. The protection is made of rubber seal & welded seals which are IP67 & IP68 respectively. It has the characteristics of convenient installation, strong anti-offset capability and good impact resistance. It is widely used in truckscales, Silo/tank weighing, universal testing machines etc.

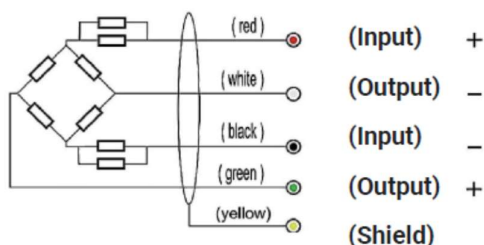


Dimensions (mm):

Rated load	A	M	L	H1	B	D	E	F	H
2-5t	34	M16X1.5	46	32	105	88.9	10.5	7.5	9.2
10-25t	41	M32X1.5	53	47	122	101.7	14	9	10.5
50t	51	M40X1.5	57.6	51	143	117	17	10.5	16
100t	76	M64X3	83	70	200	162.6	20	13	18
200t	120	M90X3	125	120	306	264	32	22	26
300t	150	M120X3	185	180	350	296	38	26	32

Technical Specification:

Rated capacities (Emax)	2, 5, 10, 25, 40, 50, 100, 200, 300T
Sensitivity	2.0 ± 0.04mV/V
Total error	±0.03% F.S.
Creep error	±0.02% F.S. (30min)
Zero balance	±1% F.S.
TCO	±0.02 F.S./10°C
TC span	±0.02% F.S./10°C
Input impedance	750± 8Ω
Output impedance	700± 5Ω
Insulation impedance	≥ 5000MΩ (50V DC)
Temperature range compensated	-10°C ~+40°C
Temperature range operating	-35°C ~+80°C
MAX safety overload	150%
Limit overload	200%
Excitation voltage, recommend	8~15V DC
Excitation voltage, maximum	15V DC
Protuction class	IP67, IP68
Construction	Alloy Steel / Stainless Steel
Cable	2-25t 5.7 X 8m 40-300t 5.7 X 13m
Execution standard	GB/T7551-2008, equivalent to OIML R60
Cable Color Code: Exc+ (Red); Exc- (Black); Sig+ (Green); Sig- (White)	



Weigh Module:

