

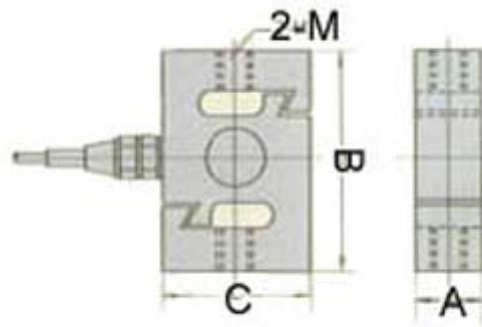
■ EX301C



S-type, alloy steel load cell.
Mainly used for hopper scale
and industrial weighing system.

Specifications	Unit	Technical Index	
Rated Output	mV / V	2.0 ± 10%	3.0 ± 10%
Zero Balance	% F.S.	± 1	
Non - Linearity	% F.S.	0.02	0.03
Hysteresis	% F.S.	0.02	0.03
Repeatability	% F.S.	0.02	
Creep (30min)	% F.S.	0.03	
Temperature Effect on Output	% F.S. / 10°C	0.02	0.03
Temperature Effect on Zero	% F.S. / 10°C	0.02	0.03
Input Impedance	Ω	385 ± 10	
Output Impedance	Ω	350 ± 3	
Insulation	MΩ	> 2000 / 50 VDC	
Recommended Excitation	V	10	
Maximum Excitation	V	15	
Compensated Temperature Range	°C	- 10 ~ 40	
Operation Temperature Range	°C	- 20 ~ 60	
Safe Overload	% F.S.	150	
Ultimate Overload	% F.S.	300	
Cable Size	mm	Ø 5 × 6000	

Red : + Excitation Black : + Excitation Green : + Signal White : + Signal



Cap		Size mm			Whorl	
lb	kg	A	B	C	mm	inch
250 ~ 1500	100 ~ 750	19	80	70	M10 × 1.5	1/2 ~ 20
2000 ~ 3000	1000 ~ 1500	25	80	70	M12 × 1.75	1/2 ~ 20
5k ~ 10k	2000 ~ 5000	25	108	95	M18 × 1.5	3/4 ~ 16
20k	10000	51	178	130	M30 × 2	1 1/4 ~ 12
40k	20000	60	190	160	M39 × 2	1 1/2 ~ 12

EXACT Sensor Technology Research & Development Center

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