

CTS stainless canister load cell, 500kgf - 5tf

Load Cell



FEATURES

- Tension and compression load cell
- Hermetically sealed
- Stainless steel construction

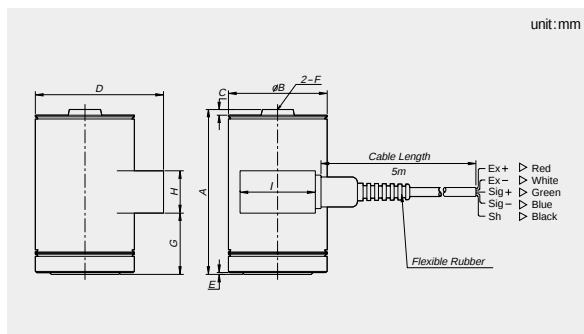
OPTIONS

- Calibrated for tension or compression
- High accuracy grade
- Ex ia IIC T6

SPECIFICATIONS

Max. capacity	kgf	500, 1tf, 2tf, 3tf, 5tf	
Rated output	mV/V	3.0 ± 0.003	
Zero balance	mV/V	0 ± 0.03	
Accuracy class		A	B
Combined error	%	0.02	0.05
Repeatability	%	0.01	0.02
Creep for 30min.	%	0.03	0.03
Temperature effect on			
Zero Value	%/10℃	0.03	0.03
Output value	%/10℃	0.03	0.03
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	350 ± 3.5	
Output	Ω	350 ± 3.5	
Insulation	MΩ	> 2,000	
Compensated temperature range	℃	-10 to +40	
Operating temperature range	℃	-30 to +80	

DIMENSIONS



Material

Stainless Steel

Cable

Braided shield 4-wire round cable with P.V.C-jacket

Model	Capacity	A	B	C	D	E	F	G	H	I
CTS-500L	500kgf	115	88	7.5	115	1.6	M12 ×1.25	34	38	68
CTS-1	1tf						M24 ×2.0	55		
CTS-2	2tf									
CTS-3	3tf									
CTS-5	5tf									