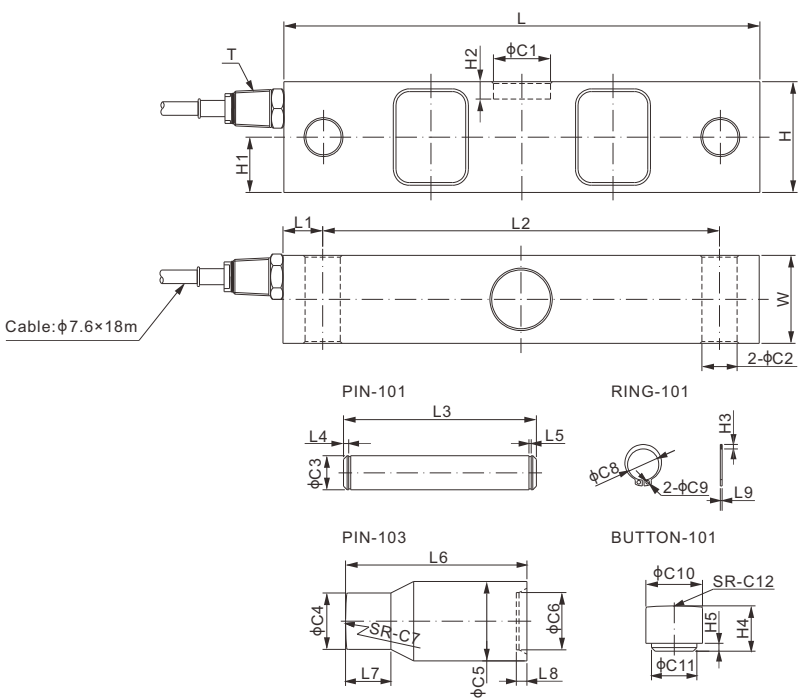


102EHEL-02



Alloy Steel



Mounting hardware to be ordered separately.

DOUBLE ENDED BEAMS

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	H	H1	H2
Klb/inches															
40-50	1.26	0.78	0.75	1.25	1.75	1.26	7.99	0.67	0.08	1.25	1.00	7.99	2.44	1.22	0.38
kg/mm (conversion of above dimensions)															
18,143.7-22679.6	32.0	19.8	19.1	31.7	44.5	32.0	203.0	17.0	2.0	31.7	25.4	203.0	62.0	31.0	9.7
RATED CAPACITY	H3	H4	H5	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	W	T
Klb/inches															
40-50	0.10	1.00	0.17	10.50	0.87	8.75	4.25	0.11	0.05	4.00	1.00	0.24	0.04	1.94	1/2-14 NPT
kg/mm (conversion of above dimensions)															
18,143.7-22679.6	2.5	25.4	4.4	266.7	22.2	222.3	108.0	2.9	1.2	101.6	25.4	6.0	1.0	49.3	1/2-14 NPT

SPECIFICATIONS			
Full Scale Output	3.0 mV/V $\pm$ 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	$\pm$ 0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	< $\pm$ 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< $\pm$ 0.015%	Safe Overload	150% of full scale
Hysteresis Error	< $\pm$ 0.020%	Breaking Overload	300% of full scale
Creep in 30 min.	< $\pm$ 0.020%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700 Ω $\pm$ 10	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700 Ω $\pm$ 5		Sig+ Green Sig- White
Element Material	Alloy Steel, Nickel Plated		Shield Bare

PART NUMBER*		
Load Cell		
Rated Capacity	Part No.	Weight Approx. (kg)
40Klb.....	102EHEL-02-40Klb.....	5.4
50Klb.....	102EHEL-02-50Klb.....	5.4
Mounting Hardware		
Mounting Hardware	Part No.	Weight Approx. (kg)
Mounting Kit**.....	102EHEL-02-(40-50)Klb-PARTS....	1.0
** Mounting kit includes: 2 $\times$ PIN-101, 1 $\times$ PIN-103, 4 $\times$ RING-101, 1 $\times$ BUTTON-101.		
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.		

INTERCHANGEABLE REFERENCE	
Brand	Model
Coti Global.....	CG-STR1
Fairbanks.....	40Klb:LCF-R4010-1 (or 90814)
Fairbanks.....	50Klb:LCF-R4010-2 (or 91088)
Vishay Sensortronics.....	65061A

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