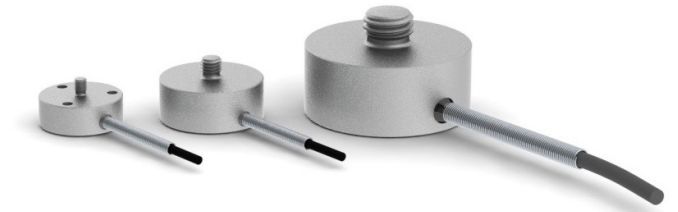


CTLB 소형 압축 LOAD BUTTON LOADCELL

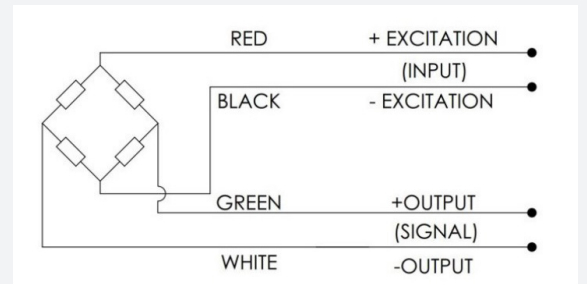
이 모델은 최대 5000kg/10000lb의 압축 하중 측정을 위한 나사형 로드 버튼입니다.

완전히 용접된 커버(SS 로드 버튼용), 증폭 및 디지털 버전은 요청 시 제공됩니다. 다른 스레드 크기 및 케이블 크기에 맞게 이 센서를 사용자 정의할 수도 있습니다.



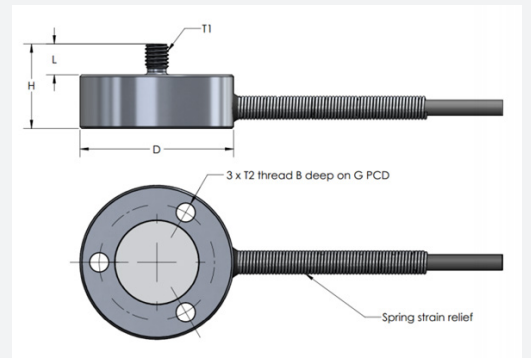
WIRING

- 센서에는 1kg–1000kg 및 2lb - 2000lb, **케이블 길이 1m**용 #32 AWG 4도체 편조 차폐 케이블이 제공됩니다.
- 센서는 2000kg, 5000kg, 5000lb 및 10000lb, 2m 케이블 길이용 #28 AWG 4도체 편조 차폐 케이블과 함께 제공됩니다.
- TEDS 칩이 통합된 커넥터를 주문할 수 있습니다.



DIMENSIONS

RANGE	CAPACITY	D (MM)	H (MM)	L (MM)	T1	T2	B (MM)	G (MM)
CTLB1	1-200kg 2-500lb	20	11	4	M3	M3	7	15
CTLB2	500kg 1000kg 1000lb 2000lb	25.4	15	5	M5	M4	7	18
CTLB3	2000kg 5000kg 5000lb 10000lb	40	25	8	M12	M4	12	32



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THREADED LOAD BUTTON

DIMENSIONS CONTINUED

RANGE	CAPACITY	D (MM)	H (MM)	L (MM)	T1	T2	B (MM)	G (MM)
CTLB1	1kg	20	11	4	M3	M3	7	15
	2kg	20	11	4	M3	M3	7	15
	5kg	20	11	4	M3	M3	7	15
	10kg	20	11	4	M3	M3	7	15
	20kg	20	11	4	M3	M3	7	15
	50kg	20	11	4	M3	M3	7	15
	100kg	20	11	4	M3	M3	7	15
	200kg	20	11	4	M3	M3	7	15
CTLB2	500kg	25.4	15	5	M5	M4	7	18
	1000kg	25.4	15	5	M5	M4	7	18
CTLB3	2000kg	40	25	8	M12	M4	12	32
	5000kg	40	25	8	M12	M4	12	32

RANGE	CAPACITY	D (INCH)	H (INCH)	L (INCH)	T1	T2	B (INCH)	G (INCH)
CTLB1	2lb	.787	.433	.157	8-32	4-40	.276	.591
	5lb	.787	.433	.157	8-32	4-40	.276	.591
	10lb	.787	.433	.157	8-32	4-40	.276	.591
	20lb	.787	.433	.157	8-32	4-40	.276	.591
	50lb	.787	.433	.157	8-32	4-40	.276	.591
	100lb	.787	.433	.157	8-32	4-40	.276	.591
	200lb	.787	.433	.157	8-32	4-40	.276	.591
	500lb	.787	.433	.157	8-32	4-40	.276	.591
CTLB2	1000lb	1	.591	.197	1/4-20	8-32	.276	.709
	2000lb	1	.591	.197	1/4-20	8-32	.276	.709
CTLB3	5000lb	1.575	.984	.315	1/2-20	8-32	.472	1.26
	10000lb	1.575	.984	.315	1/2-20	8-32	.472	1.26

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THREADED LOAD BUTTON

SPECIFICATIONS

PARAMETER	RANGE	NOTES
Capacity (kg)	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000	
Capacity (lb)	2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000, 10000	
Output (mV/V)	1 ± 20% for 1kg - 20kg and 2lb - 50lb 1.5 ± 20% for 50kg - 5000kg and 100lb - 10000lb	Amplified and digitised versions available to order
Input Impedance	350 Ω nominal (700 Ω nom. For 2000kg, 5000kg, 5000lb & 10000lb)	
Output Impedance	350 Ω nominal (700 Ω nom. For 2000kg, 5000kg, 5000lb & 10000lb)	
Allowable Maximum Load (%)	150 full scale	No effect on performances
Non-Linearity (%)	± 0.5 FS max.	
Hysteresis (%)	± 0.3 FS max.	
Repeatability (%)	± 0.1 FS max.	
Total Error (%)	± 0.8 FS max.	Non-linearity and hysteresis
Zero Balance (%)	2 FS max.	(10% FS MAX for welded)
Zero Temperature Coefficient (%)	0.01 FS/°C	
Span Temperature Coefficient (%)	0.02 of load/°C	
Compensated Temperature (°C)	-15 to +70	Wider range available to order
Operating Temperature (°C)	-20 to +80	Wider range available to order
Material	Aluminium for 1kg - 20kg and 2lb - 50lb Stainless for 50kg - 5000kg and 100lb - 10000lb	
IP Rating	IP64	
Excitation (V)	5, 10	

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