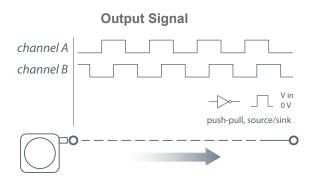




MT2E1은 견고하고 정확한 소형 케이블 작동 위치 변환기 제품군의 인코더 기반 제품입니 다. MT2E1은 낙하 테스트 및 자동차 충돌 테 스트에서 발생하는 높은 가속 요구 사항을 위 해 설계된 고장력 헤비 듀티 측정 케이블을 특 징으로 합니다.

MT2E1은 마운팅 브래킷에서 2축 360° 회전 으로 설계되어 어떤 방향으로도 빠르고 간단하 게 설치할 수 있습니다.



MT2E1

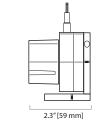
Cable-Actuated Position Sensor Incremental

Encoder Output • Test Applications 소형 스트링 포트 • 0-30 및 0-50인치 스트로크 범위 옵션 이중 축 360° 장착 브래킷 낙하 및 충돌 테스트 애플리케이션 알루미늄 및 폴리카보네이트 인클로저









50 inch

GENERAL Full Stroke Range Options Output Signal

Accuracy Repeatability Resolution:

30 inch

30-inch Range

50-inch Range Measuring Cable Enclosure Material Sensor Cover Options Sensor Weight, 30-inch Weight, 50-inch

ELECTRICAL

Input Voltage, Vin Input Current Output Driver Output Voltage, Vout Mating Plug

MECHANICAL

Measuring Cable Tension Maximum Acceleration

ENVIRONMENTAL

Operating Temperature

0-30, 0-50 inches incremental encoder 0.04% full stroke ± 0.02% full stroke

316 ± 5 pulses per inch
188 ± 2 pulses per inch
Ø.019-in. nylon-coated stainless steel anodized aluminum
polycarbonate and aluminum optical incremental encoder
0.5 lb. max.
1.0 lb. max.

5 - 26 VDC 50 mA (max, no load) push-pull (sink/source, 20mA max.) Vout = Vin LEMO FGG.OB.304.CLAD52

see ordering information see ordering information

-32° to 158° F (0° to 70°C)

Fig. 1 - Outline Drawing, 30-inch range:

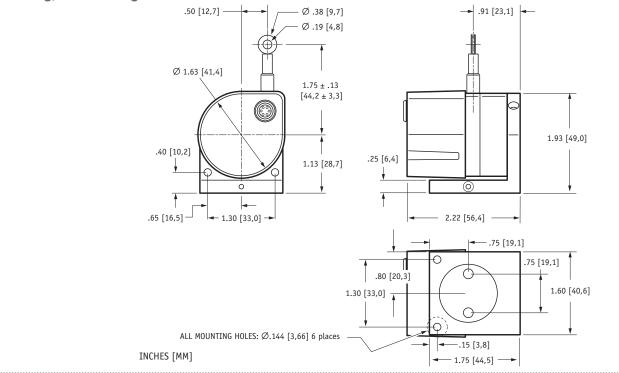
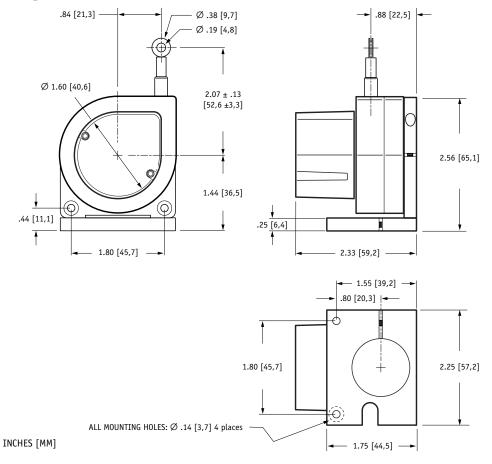
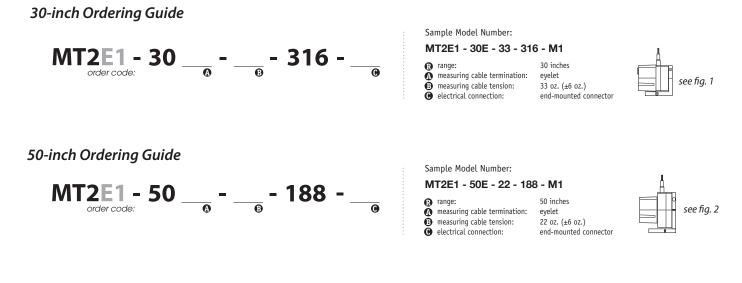


Fig. 2 - Outline Drawing, 50-inch range:

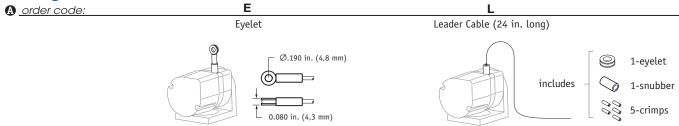


Ordering Information:

Model Number:



Measuring Cable Termination:

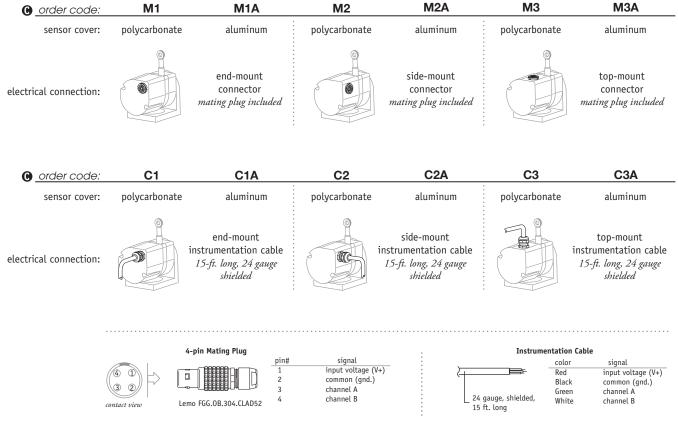


Measuring CableTension:

B _order code:	9	14	33	
30-inch range option:	9 (±3) oz.	14 (±5) oz.	33 (±10) oz.	
max. cable acceleration:	99 g	136 g	136 g	
spring cycle-life, 80% extension:	\geq 1 million	150,000	75,000	
spring cycle-life, 50% extension:	\geq 1 million	≥ 1 million	\geq 1 million	
B) order code:	9	22		
50-inch range option:	9 (±3) oz.	22 (±7) oz.		
max. cable acceleration:	46 q	68 g		
maxi cubic acceleration.	40 y	00 y		
spring cycle-life, 80% extension:	≥ 1 million	150,000		

Ordering Information (cont.):

Electrical Connection:



Accessories:

Part Number	Description
9603957-0015	15 ft. long cordset. Includes mating connector with 15 ft., 24 gauge, shielded multiconductor cable. Signals: V+, Gnd, Channel A, Channel B

NORTH AMERICA

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