

1分力

LMC-1541

LMC-1541共通仕様

COMMON SPECIFICATIONS

定格出力: 約0.75mV/V(約1500 × 10⁻⁶ストレーン)
Rated output: Aprox. 0.75mV/V(Aprox. 1500 × 10⁻⁶ strain)

非直線性: ±0.2%FS
Nonlinearity: ±0.2%FS

ヒステリシス: ±0.2%FS
Hysteresis: ±0.2%FS

許容過負荷: ±150%FS 但し各容量共、機械的ストッパーを付属
Allowable overload: ±150%FS A mechanical stopper shall be attached for any capacity.

干渉度: 定格負荷(Fx)をFz方向に加えた時: ±1%FS/FS
Cross talk: When the rated load is applied in the Fz directions: ±1%FS/FS

受圧面よりFz方向30cmに力(Fx)を加えた時: ±0.3%FS/FS

When a load equivalent to the rated load is applied in the -Fz direction to a position which is 30cm below the pressure-detection surface: ±0.3%FS/FS

零点の温度影響: ±0.01%FS/
Influence of temperature on the zero point: ±0.01% FS/

感度の温度影響: ±0.05%Reading/
Influence of temperature on the sensitivity: ±0.05% Reading/

ケーブル接続: NDIコネクター =5m
Cable connection: NDI connector, =5m

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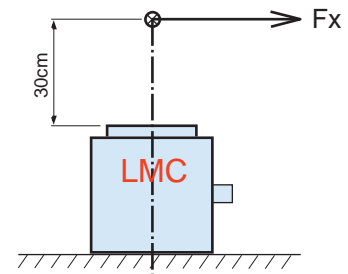
1分力検出器 LMC SERIES

仕様

型式 TYPE	定格負荷 (許容荷重・許容モーメント) RATED LOAD (Allowable Load/Allowable Moment)						取付ネジ FITTING SCREW d	重量 WEIGHT 約(kg)
	Fx ^(N)	Fy ^(N)	Fz ^(N)	Mx ^(N·m)	My ^(N·m)	Mz ^(N·m)		
LMC-1541-10N	10	(10)	(100)	(3)	(3)	(1.5)	M4	1.2
-20N	20	(20)	(200)	(6)	(6)	(3.0)	M4	1.2
-30N	30	(30)	(200)	(9)	(9)	(4.5)	M4	1.2
-50N	50	(50)	(300)	(15)	(15)	(7.5)	M6	1.2
-100N	100	(100)	(500)	(30)	(30)	(15)	M6	1.2
-200N	200	(200)	(800)	(60)	(60)	(30)	M8	1.2
-300N	300	(300)	(1000)	(90)	(90)	(45)	M8	2.5
-500N	500	(500)	(1200)	(150)	(150)	(75)	M8	4.5

特長

本検出器は、受圧面より30cmの所にFx方向の定格負荷を加えたとき、干渉度±0.3%FS/FSと優れた性能を有しているモーメント補償型検出器です。



寸法図

