

PCM 称重传感器 SB-3410-250KG



3410 剪梁式称重传感器

模型: sb-3410

主要特点:

能力 250kg-2000kg。

线性度 0.05%。

IP67 等级。

应用:

产业平台

罐和筒仓

过程控制

叉车秤

数据表: sb-3410 剪切梁式称重传感器

3410 剪梁式称重传感器

3410 种是由镀镍合金钢制成的低剖面剪切梁式称重传感器。一般设计高精度台秤, 托盘秤和其他过程称

重应用程序铭记在心。当安装正确, 3410 剪切梁负荷细胞提供高抗冲击或侧向加载。

3410 个负载电池的另一个特点是额外的传感线，以补偿由于温度变化和/或电缆扩展导致的铅电阻的任何变化。

友安装套件是 3410 个受欢迎的选择。它提供了一个简单的解决方案，方便安装与坦克/筒仓称重应用。

要查看完整的规范，请下载产品数据表。

PARAMETER	VALUE	UNITS
Capacities Range	250, 500, 1000, 2000	KG
Maximum No. of Intervals (n)	1000	-
$Y = E_{max}/V_{min}$	1400	
Rated Output	2.0	mV/V
Sensitivity Tolerance	0.1	±% of Rated Output
Zero Balance	2	±% of Rated Output
Zero Return After 30 Minutes	0.03	±% of Rated Output
Total Error	0.05 ⁽¹⁾	±% of Rated Output
Temperature Effect: On Zero	0.01	±% of Rated Output/°C
Temperature Effect: On Output	0.003	±% of Applied Load/°C
Temperature Range: Operating	-10 to +40	°C
Temperature Range: Storage	-20 to +70	°C
Mechanical Limit: Safe Overload	150	% of Rated Output
Mechanical Limit: Ultimate Overload	>300	% of Rated Output
Excitation: Recommended	10	Volts AC or DC
Excitation: Maximum	15	Volts AC or DC
Input Resistance	385 ±10	Ω
Output Resistance	351 ±5	Ω
Insulation Resistance	>2	GΩ
Cable Length	3	m
Cable Type	6-wire, braided polyurethane, floating screen	-
Construction	Nickel-plated alloy steel	-
Environmental Protection	IP67	-
Recommended Torque	136	Nm

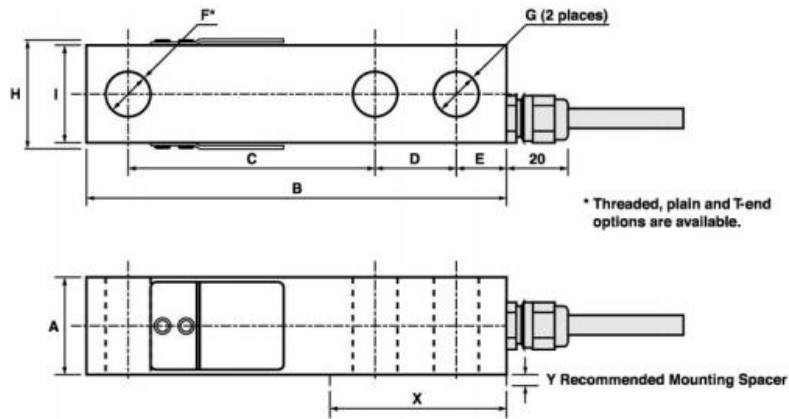
⁽¹⁾ A C3 version of the SB-3410 load cell is available on request with Total Error at 0.02 ±% of Rated Output.



STP
诗拓浦

传感器 | 控制仪表 | 推拉力计 | 扭力计

www.sensortop.cn



If the dimensions or specification do not suit, PCM has an in-house design team that should be able to satisfy your requirements.

CAPACITY (KG)	A	B	C	D	E	ØF	ØG	H	I	X	Y
250, 500, 1000	30.5	130	76.2	25.4	16	M12*	13.5	34	30.5	57	4
2000	36	130	76.2	25.4	16	M12*	13.5	34	30.5	57	4

*Tapped M12 x 1.75 and counter bored Ø13.5 x 14.5 deep.

Wiring Details

SCHEMATIC DIAGRAM	OUTPUT	CABLE
	EXCITATION +	RED
	SENSE +	BLUE
	OUTPUT +	GREEN
	EXCITATION -	BLACK
	SENSE -	BROWN
	OUTPUT -	WHITE

Loading Mode

