

## PCM 称重传感器 BD-MCL-400N

---



微型双方位 MCL 细胞负荷

BD 型模式:

关键特征:

capacities 400N 及部分。

线性  $FS \pm 1\%$ 。

IP65 密封。

应用:

研究与发展

限制区

高温环境

测试包括

datasheet: BD MCL 细胞的微型载重

微型载重 MCL 细胞

从生产不锈钢, MCL 是一个微型电池设计的负载拉和/或压缩测量。在低档次的 MCL 设计双方位负载细



传感器 | 控制仪表 | 推拉力计 | 扭力计

[www.sensortop.cn](http://www.sensortop.cn)

胞，使它完美的应用限制高度为最佳；*suited* 为静态的应用。

可与一个或部分 400N 负荷等级，MCL 细胞是 *suitable* 高温应用（上 200°C）。因为这个原因，MCL 细胞负载是最流行的在汽车工业。

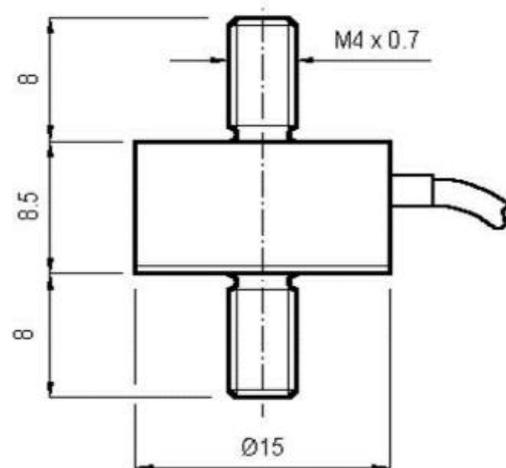
两个负载细胞全海景的规格，请下载 *datasheet* 产品。

**TYPICAL SPECIFICATION**

PARAMETER	VALUE		UNITS
Capacities Range	400	800	N
Rated Output	1.6 nominal		mV/V
Linearity	1		±% of Rated Load
Repeatability	0.1		±% of Rated Load
Zero Balance	4.0		±% of Rated Output
Temperature Range: Operating	-10 to +80		°C
Temperature Range: Compensated	-10 to +50		°C
Temperature Effect: On Output	0.005		±% of Applied Load/°C
Temperature Effect: On Zero	0.03		±% of Rated Output/°C
Safe Overload	50		% of Rated Capacity
Ultimate Overload	100		% of Rated Capacity
Excitation: Recommended	5		Volts AC or DC
Excitation: Maximum	10		Volts AC or DC
Input Impedance	350 nominal		Ω
Output Impedance	350 nominal		Ω
Insulation Resistance	>5		GΩ at 50VDC
Weight (Approx.)	8-12		g
Construction	Aluminium	Stainless Steel	-
Environmental Protection	IP65		-
Cable	2m 4 core screened		Screen not connected to load cell.

AUGUST 2013

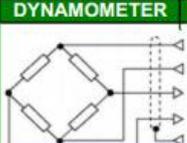
[www.pcm-uk.com](http://www.pcm-uk.com)



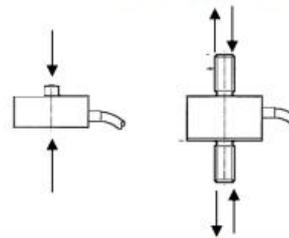
STUD VERSION  
TENSION AND/OR COMPRESSION

NOTE: If the dimensions or specification do not suit, PCM have an in-house design and build service that should satisfy your requirements.

### WIRING DETAIL

DYNAMOMETER	OUTPUT	CABLE
	EXCITATION+ EXCITATION - OUTPUT+ OUTPUT-	Red Blue Yellow Green Shield*

### LOADING MODE



AUGUST 2013

Modifications reserved. All details describe our products in general form only. PCM assumes no liability whatsoever, and disclaims any express or implied warranty relating to sales and/or use of PCM products including liability or warranties relating to fitness for a particular purpose.

[www.pcm-uk.com](http://www.pcm-uk.com)

Email: [sales@pcm-uk.com](mailto:sales@pcm-uk.com)

Tel: +44 ( 0 ) 1926 864444

Fax: +44 ( 0 ) 1926 864888