

传感器 | 控制仪表 | 推拉力计 | 扭力计

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PCM 称重传感器 C-FW-4te



力垫圈加载单元

模型: c-fw

主要特点:

能力 4te-80te。

Accuracy ±1% RO.

IP54 等级。

应用:

重型称重 滚动的米尔斯 监测螺栓力

测试平台

数据表: c-fw 力垫圈负载细胞

c-fw 压缩负荷细胞

的 c-fw 压缩负荷细胞有一个紧凑的筒式设计。FW 由不锈钢制成,标准有 8 个应变电桥。

这种负载电池是理想的螺栓扭矩监测项目与孔的大小和容量可适用于大多数应用。我们也可以提供可选的淬火或球面垫圈。这个负载单元的设计可以修改,以更好地满足您的要求,如果需要的话。



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FW 称重传感器的范围往往是现成的股票。我们还提供一些模型,这个负荷细胞范围从我们的租赁股票,以适应短期需求。

要查看完整的规范,请下载产品数据表。

TYPICAL SPECIFICATION

| PARAMETER | VALUE | | UNITS | | |
|--|---|--|--------------------|---|--|
| Capacities Range | 4, 6, 8, 10, 15, 18, 25, 35, 55, 80 | | | Te | |
| Rated Output | 1.0 - 2.0 nominal | | | mV/V | |
| Linearity and Non Repeatability | 5.0 | | 1.0 | ±% of Rated Output | |
| Zero Return after 30 Minutes | 0.05 | | ±% of Applied Load | | |
| Zero Balance | 1.0 | | | ±% of Rated Output | |
| Temperature Range: Operating Temperature Range: Compensated | -30 to +80 -10 to +70 | | | °C | |
| Temperature Effect: On Output | 0.1 | | | ±% of Applied Load/°C | |
| Temperature Effect: On zero | 0.02 | | | ±% of Rated Output/°C | |
| Safe Overload | 150 | | | % of Rated Capacity | |
| Ultimate Overload | 300 | | | % of Rated Capacity | |
| Excitation: Recommended Excitation: Maximum | 10 15 | | Volts AC or DC | | |
| Input Impedance | 350 nom. | | 700 nom. | Ω | |
| Output Impedance | 350 nom. | | 700 nom. | Ω | |
| Insulation Resistance | >2 | | GΩ at 50VDC | | |
| Construction | <1Te Al. >1Te Stainless Steel | | | | |
| Environmental Protection | IP54 | | | - 10 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m | |
| Cable | 5m 4 core screened | | | 7/0.1-PVC Sheath | |
| ation Resistance struction ronmental Protection | >2 <1Te Al. >1Te Stainless Steel IP54 | | | GΩ at 50VDC - - | |

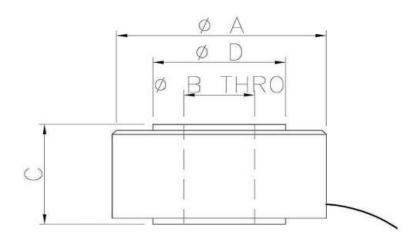
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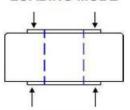
| BOLT SIZE | CAPACITY | AØ | BØ | C | DØ |
|-----------|----------|----|----|----|----|
| M8 | 4Te | 36 | 9 | 23 | 17 |
| M10 | 6Te | 36 | 11 | 23 | 20 |
| M12 | 8Te | 50 | 14 | 23 | 25 |
| M14 | 10Te | 50 | 16 | 23 | 28 |
| M16 | 15Te | 50 | 18 | 23 | 34 |
| M18 | 18Te | 65 | 20 | 33 | 38 |
| M20 | 25Te | 65 | 22 | 33 | 44 |
| M24 | 35Te | 65 | 26 | 33 | 52 |
| M30 | 55Te | 80 | 33 | 75 | 64 |
| M36 | 80Te | 95 | 39 | 75 | 76 |

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 EXCITATION+ EXCITATION OUTPUT + OUTPUT OUTPUT Yellow Shield*

LOADING MODE



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