

DATA SHEET



Document No.:DAT00250 V.002

1. 1-PW2DC3/xxKG-1 Technical data:

| 技术参数 (Technical data) | 单位 (Unit) | 1-PW2DC3/xxKG-1 | | | | |
|--|--------------|--------------------|---------|---------|---------|---------|
| 精确度等级 (OIML R60) | | C3 | | | | |
| 额定载荷 Emax (Max. capacity) | kg | 7.2 | 12 | 18 | 36 | 72 |
| 最小检定分度值 (vmin) | g | 1 | 2 | 5 | 10 | 20 |
| 温度对零点影响 (TC Zero) | % of Cn/10K | ±0.0194 | ±0.0233 | ±0.0389 | ±0.0389 | ±0.0389 |
| 灵敏度 (Sensitivity) | mV/V | 2.0 | | | | |
| 灵敏度误差 (Sensitivity tolerance) | mV/V | ±0.2 | | | | |
| 温度对灵敏度影响 (TC Span) +20°C~+40°C: -10°C~+20°C: | % of Cn/10K | ±0.0175 ±0.0117 | | | | |
| 非线性误差 (Non-linearity) | % of Cn | ±0.0166 | | | | |
| 滞后误差 (Hysteresis error) | % of Cn | ±0.0166 | | | | |
| 蠕变 (30mins) (Creep) | % of Cn | ±0.0245 | | | | |
| 蠕变恢复 (30mins) (MDLR) | % of Cn | ±0.0166 | | | | |
| 秤盘面积 (Max. platform size) | mm | 380×380 | | | | |
| 四角误差 (Eccentric error) | % of Cn | ±0.0233 | | | | |
| 零点平衡 (Zero balance) | mV/V | 0±0.10 | | | | |
| 输入电阻 (Input resistance) | Ω | 380±38 | | | | |
| 输出电阻 (Output resistance) | Ω | 380±38 | | | | |
| 参考电压 (Uref) | V | 5 | | | | |
| 工作电压范围 (Bu) | V | 1...15 | | | | |
| 绝缘电阻 (Insulation resistance) | GΩ (100V) | >2 | | | | |
| 额定温度范围 Nominal temperature rang | °C | -10~+40 | | | | |
| 工作温度范围 Service temperature range | °C | -10~+50 | | | | |
| 存储温度范围 Storage temperature range | °C | -25~+70 | | | | |
| 安全承载 (Safe load limit) | % of Emax | 150 | | | | |
| 极限承载 (Breaking load limit) | % of Emax | 300 | | | | |
| 最大载荷下变形量 (Deflection at Max. capacity), approx. | mm | <0.5 | | | | |
| 重量 (Weight approx.) | kg | 0.25 | | | | |
| 材料 (Material) | | Aluminum | | | | |
| 保护等级 (IP) | | IP67 | | | | |
| 应变片要求 Strain gage requirement | | Modco/PEEK | | | | |

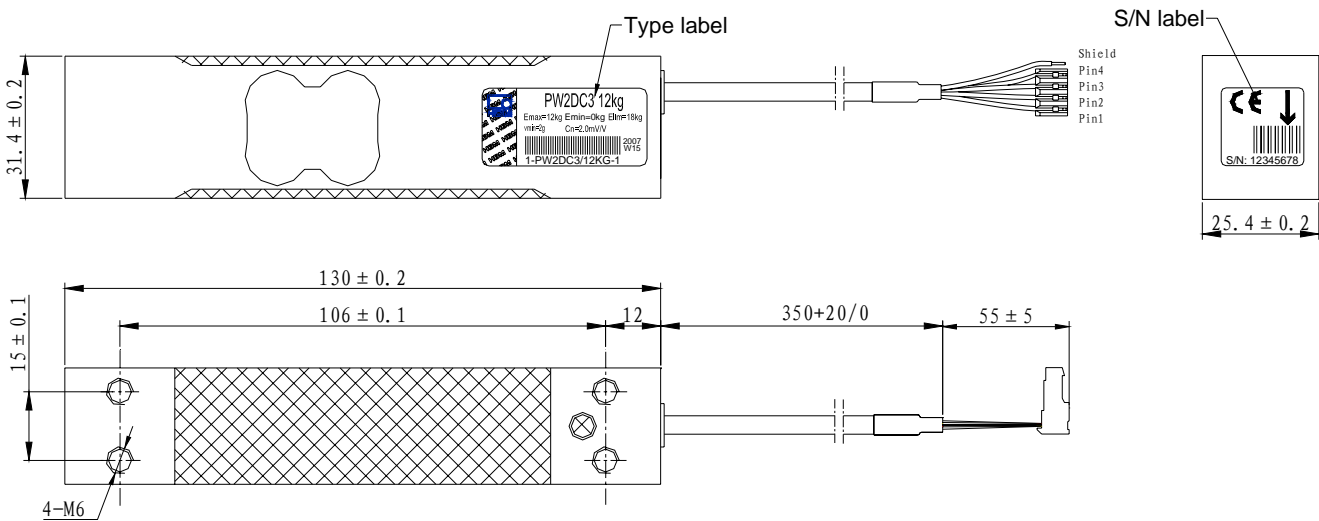
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Page-1-

2. 1-PW2DC3/xxKG-1 Part Number Description:

| Part Number | Description | Detailed description |
|------------------|----------------------|---|
| 1-PW2DC3/7.2KG-1 | PW2DC3/7.2kg-350R1GJ | PW2D,C3,350mm 4W cable with plug,ground,2.0mV/V,Modco |
| 1-PW2DC3/12KG-1 | PW2DC3/12kg-350R1GJ | PW2D,C3,350mm 4W cable with plug,ground,2.0mV/V,Modco |
| 1-PW2DC3/18KG-1 | PW2DC3/18kg-350R1GJ | PW2D,C3,350mm 4W cable with plug,ground,2.0mV/V,Modco |
| 1-PW2DC3/36KG-1 | PW2DC3/36kg-350R1GJ | PW2D,C3,350mm 4W cable with plug,ground,2.0mV/V,Modco |
| 1-PW2DC3/72KG-1 | PW2DC3/72kg-350R1GJ | PW2D,C3,350mm 4W cable with plug,ground,2.0mV/V,Modco |

3. 1-PW2DC3/xxKG-1 Mounting dimension:



Cable:

Shielded 4-core round cable(AWG26) with PVC-jacket

Wiring code:

Pin1 : Excitation voltage + : blue
 Pin2 : Signal+ : white
 Pin3 : Signal - : red
 Pin4 : Excitation voltage - : black
 Shield: Yellow, connected to load cell

Connector: CE 100F26-4(Pancon)

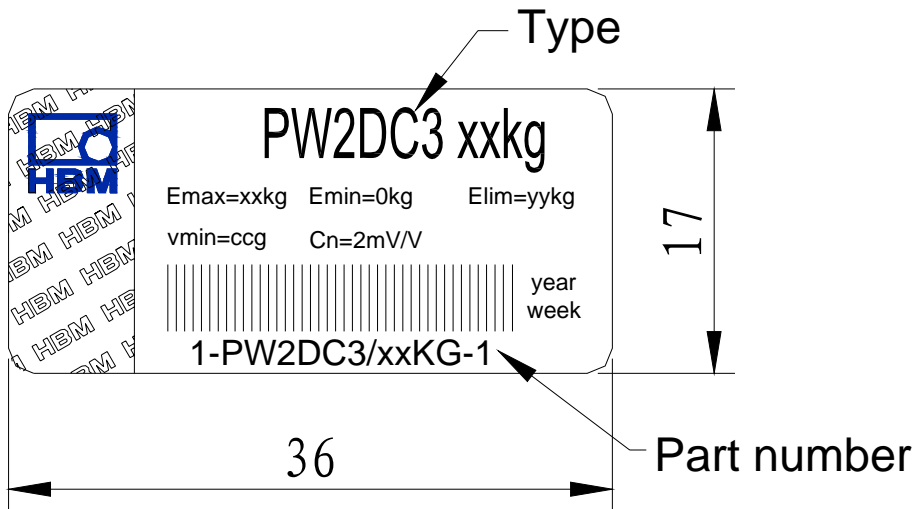
Mounting:

Max. capacity ≤ 36kg: M6-8.8 screws with cylindrical screw, tightening torque 6N • m

Max. capacity = 72kg: M6-10.9 screws with cylindrical screw, tightening torque 10N • m

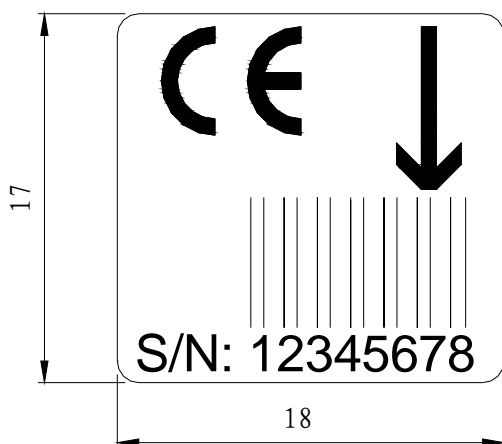
4. Label:

4.1 Type label



| Part Number | xx | yy | cc |
|------------------|-----|------|----|
| 1-PW2DC3/7.2KG-1 | 7.2 | 10.8 | 1 |
| 1-PW2DC3/12KG-1 | 12 | 18 | 2 |
| 1-PW2DC3/18KG-1 | 18 | 27 | 5 |
| 1-PW2DC3/36KG-1 | 36 | 54 | 10 |
| 1-PW2DC3/72KG-1 | 72 | 108 | 20 |

4.2 S/N Label



4.3 Out package Label



| Order P/N | PO NO. | Type | yyyy-mm-dd |
|------------------|-----------------------|--------------|----------------------------------|
| 1-PW2DC3/7.2KG-1 | Purchase order number | PW2DC3/7.2kg | Packing date (year-month-day) |
| 1-PW2DC3/12KG-1 | Purchase order number | PW2DC3/12kg | |
| 1-PW2DC3/18KG-1 | Purchase order number | PW2DC3/18kg | |
| 1-PW2DC3/36KG-1 | Purchase order number | PW2DC3/36kg | |
| 1-PW2DC3/72KG-1 | Purchase order number | PW2DC3/72kg | |

5. Packing

Quantity: per package 20 pcs.

Note: all packs must be filled with full quantity!

编制: _____

审核: _____

批准: _____