

DATA SHEET



Document No.:DAT00450 Ver.:000

1. 1-PW6KC3/xxKGA-1 Technical data:

技术参数 (Technical data)	单位 (Unit)	1-PW6KC3/xxKGA-1									
精确度等级 (OIML R60)		C3									
额定载荷 Emax (Max. capacity)	kg	3	5	6	10	15	20	30	40	50	
最小检定分度值 (V _{min})	g	0.5	1	1	2	2	5	5	10	10	
温度对零点影响 (TC Zero)	% of Cn/10K	±0.0233	±0.0280	±0.0233	±0.0280	±0.0186	±0.0350	±0.0233	±0.0350	±0.0280	
灵敏度 (Sensitivity)	mV/V	2.0									
灵敏度误差 (Sensitivity tolerance)	mV/V	±0.20									
温度对灵敏度影响 (TC Span) +20℃~+40℃: -10℃~+20℃:	% of Cn/10K	±0.0175 ±0.0117									
非线性误差 (Non-linearity)	% of Cn	±0.0150									
滞后误差 (Hysteresis error)	% of Cn	±0.0150									
蠕变 (30mins Creep)	% of Cn	±0.0166									
蠕变恢复(30mins BND)	% of Cn	±0.0166									
秤盘面积 (Max. platform size)	mm	300×300									
四角误差 (Eccentric error)	% of Cn	±0.0233									
零点平衡 (Zero balance)	mV/V	-0.01~+0.09 (50kg: 0.00~0.05)									
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 range	℃	-10~+40									
工作温度范围 Service temperature range	℃	-10~+50									
存储温度范围 Storage temperature range	℃	-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 SW									
保护等级 (IP)		IP65									
应变片要求 Strain gage requirement		Modco / PEEK									

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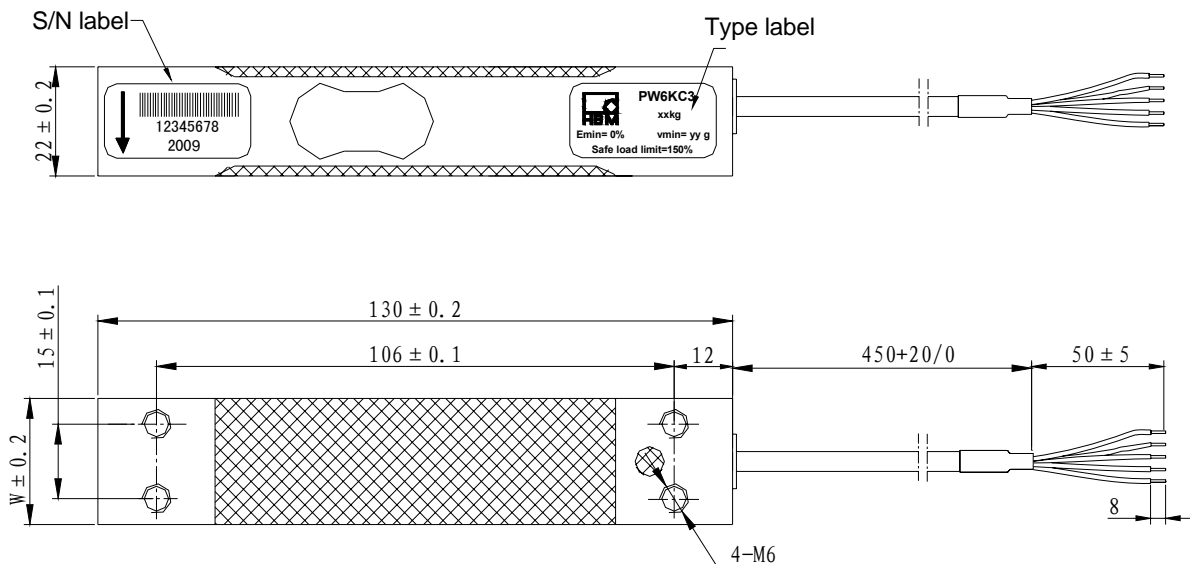


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2. 1-PW6KC3/xxKGA-1 Part Number Description:

Part Number	Description	Detailed description
1-PW6KC3/3KGA-1	PW6KC3/3kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/5KGA-1	PW6KC3/5kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/6KGA-1	PW6KC3/6kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/10KGA-1	PW6KC3/10kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/15KGA-1	PW6KC3/15kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/20KGA-1	PW6KC3/20kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/30KGA-1	PW6KC3/30kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/40KGA-1	PW6KC3/40kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco
1-PW6KC3/50KGA-1	PW6KC3/50kg-500R1G	PW6K, C3,500mm 4W cable W/O plug,ground, Modco

3. 1-PW6KC3/xxKGA-1 Mounting dimension:



Capacity(kg)	3	5	6	10	15	20	30	40	50
W(mm)	25.4	25.4	25.4	25.4	25.4	25.4	25.4	30	30

Cable:

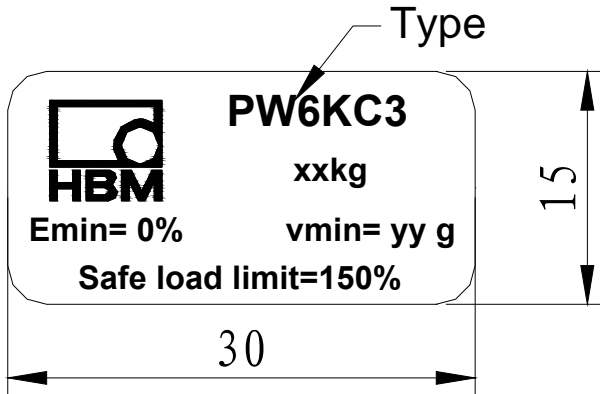
Shielded 4-core round cable(AWG26) with PVC-jacket

Wiring code:

Excitation voltage + : Blue
 Signal+ : white
 Signal - : red
 Excitation voltage - : black
 Shield: Yellow, connected to load cell

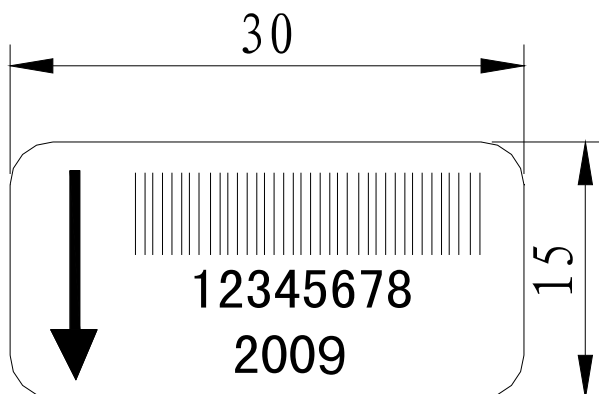
4. Label

4.1 Type label



Part Number	xx	yy
1-PW6KC3/3KGA-1	3	0.5
1-PW6KC3/5KGA-1	5	1
1-PW6KC3/6KGA-1	6	1
1-PW6KC3/10KGA-1	10	2
1-PW6KC3/15KGA-1	15	2
1-PW6KC3/20KGA-1	20	5
1-PW6KC3/30KGA-1	30	5
1-PW6KC3/40KGA-1	40	10
1-PW6KC3/50KGA-1	50	10

4.2 S/N Label

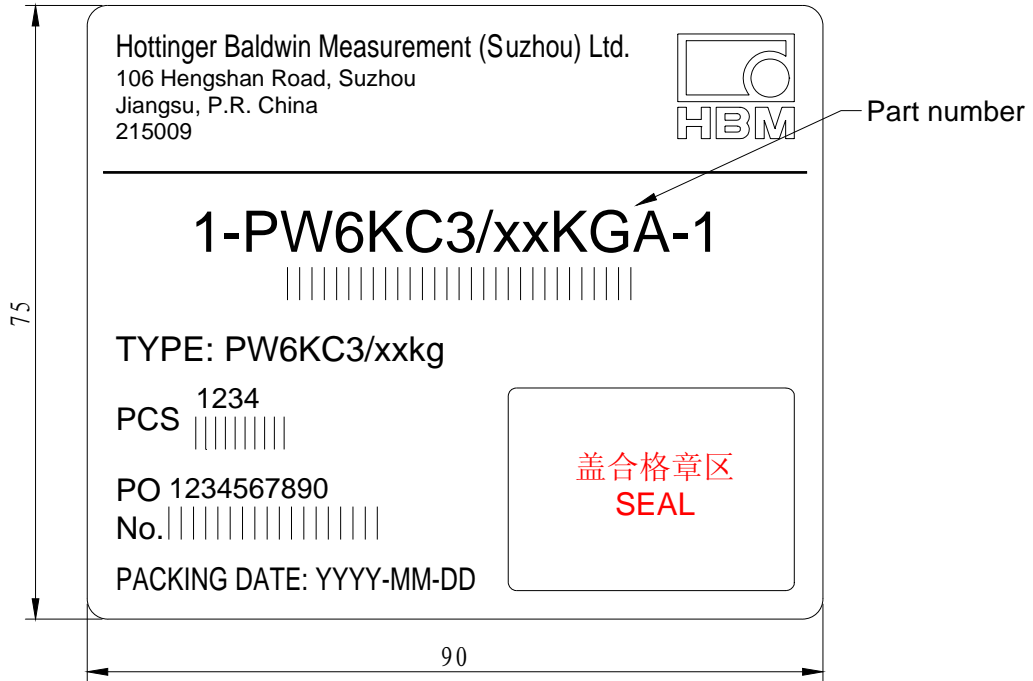


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4.3 Out package Label



P/N	PO NO.	Type	yyyy-mm-dd
1-PW6KC3/3KGA-1	Purchase order number	PW6KC3/3kg	Packing dae (year-month-day)
1-PW6KC3/5KGA-1	Purchase order number	PW6KC3/5kg	
1-PW6KC3/6KGA-1	Purchase order number	PW6KC3/6kg	
1-PW6KC3/10KGA-1	Purchase order number	PW6KC3/10kg	
1-PW6KC3/15KGA-1	Purchase order number	PW6KC3/15kg	
1-PW6KC3/20KGA-1	Purchase order number	PW6KC3/20kg	
1-PW6KC3/30KGA-1	Purchase order number	PW6KC3/30kg	
1-PW6KC3/40KGA-1	Purchase order number	PW6KC3/40kg	
1-PW6KC3/50KGA-1	Purchase order number	PW6KC3/50kg	

编制: _____

审核: _____

批准: _____