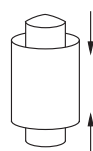


PC02

自复位柱式传感器 Self-restoring rockerpin load cell



Special features 特点

- Self-restoring function
- Nominal loads: 10t~50t
- Simple to install
- Laser welded, IP68
- Optimized for parallel connection by corner pre-adjustment
- Meets EMC/ESD requirements according to EN 45 501
- 自复位功能
- 额定称重范围: 10t ~ 50 t
- 安装简便
- 激光焊接IP68
- 经过角差预调整适合并联使用(按EN 45 501)

汽车衡、轨道衡、轴量秤、地上衡
Truck scale, railway scale, axle wheel scale, floor scale

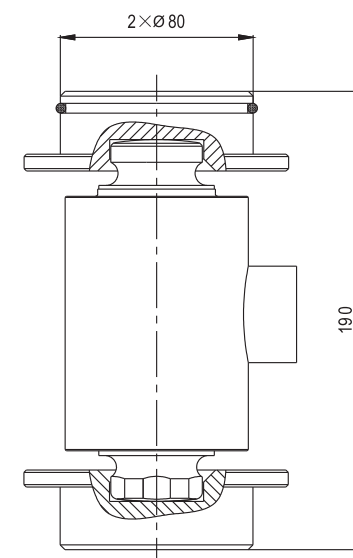
Specifications 技术说明

Exc+激励正 (Red,红);Exc-激励负(Black,黑);Sig+信号正(Green,绿);Sig-信号负(White,白)			
额定载荷 Rated Load	10,20,30,40,50t	工作温度范围 Operating Temp Range	-30 ~ +70°C
灵敏度 Sensitivity	2.0 ± 0.002mV/V	安全过载 Safe load limit	150%F.S
综合误差 Total error	C2 / C3	极限过载 Over load limit	200%F.S
蠕变(30分钟) Creep(30min)	± 0.02%F.S	推荐激励电压 Recommendexcitation	5~12V DC
零点平衡 Zero balance	± 1%F.S	最大激励电压 Maximum excitation	15V DC
零点温度影响 TCO	± 0.02, ± 0.017%F.S/10°C	密封等级 Protection Class	IP68
输出温度影响 TC SPAN	± 0.02, ± 0.017%F.S/10°C	材质 Construction	Stainless or alloy steel
输入阻抗 Input resistance	1160 ± 20 Ω		Stainless steel
输出阻抗 Output resistance	1000 ± 3 Ω	绝缘电阻 Insulation resistance	≥ 5000M Ω

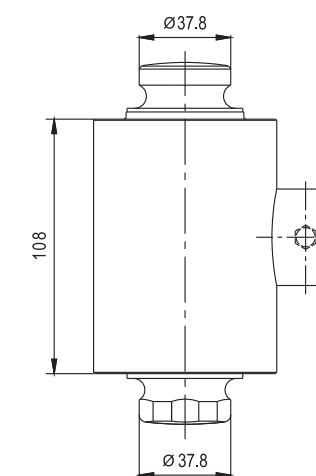
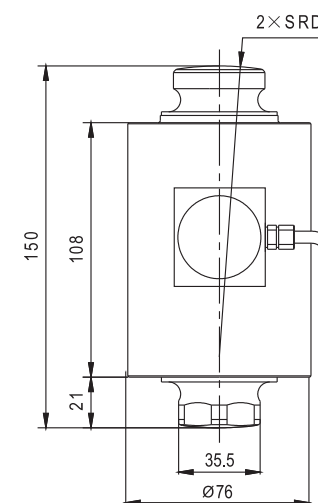
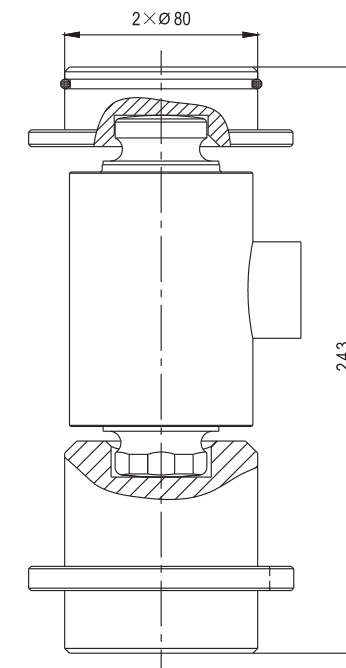
额定载荷 Maximum capacity (Emax)	t	10	20	30	40	50
秤的最小检定分度值 Min. scale verification (emin) according to EN 45 501 [...#=#max. Number of load cells]	kg	5 [6#]	5 [6#] 10 [8#]	10 [8#]	10 [6#] 20 [8#]	10 [4#] 20 [10#]
推荐秤的额定载荷 Recommended maximum weighing capacity of scale	mm	20	50 80	100	100 150	100 200
最大载荷下的变形量 Deflection at Emax (snom), approx	kg	0.55	0.65	0.75	0.85	
重量 Weight(G),approx	m	1.9	2.1	2.3	2.5	2.7
电缆 Cable: 直径 Diameter: ∅6mm 长度 Length		12		14	16	

宁波海硕传感器制造有限公司
Highsor Sensor Manufacturing Co.Ltd

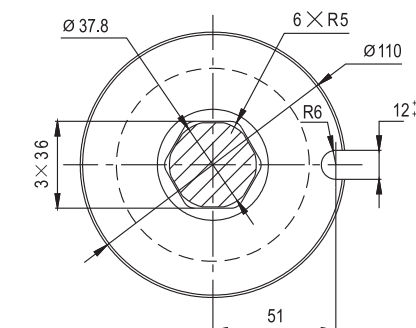
Mounting variation 1: 安装方式1:
含承载头组件PC02/ZOU-A



Mounting variation 2: 安装方式2:
含承载头组件PC02/ZOU-B



传感器限位示意图



Mounting variation 1 and variation2: 安装方式1与2:

Maximum capacity (Emax) 额定载荷	t	15	20	30	40	50
R ball 球头半径	mm		160		200	305
amax 最大允许倾斜角度	" ° " 度		5		5	4.5
Smax 最大允许侧向偏移	mm		11		11	10

Further accessory: 其他附件
防尘垫, O型圈