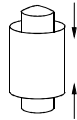


ZS01-D

Digital self-restoring rockerpin load cells



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

Special features 特点

- Digital output signal (RS-485/4-wire)
- Nominal (rated) loads: 10t...50t
- Self restoring rocker pin
- Stainless steel; laser welded, IP68
- Simple to install
- Inbuilt overvoltage protection
- 数字信号输出 (RS485/四线制)
- 额定量程范围: 10t ~ 50t
- 自复位双摇柱结构
- 不锈钢材料, 激光焊接IP68
- 安装简便
- 内置过电压保护

Specifications 技术说明

Exc+ (Red, 红); Exc- (Black, 黑); Sig+ (Green, 绿); Sig- (White, 白)

| Item 项目 | Unit 单位 | Parameter 参数 | | | | | |
|--|--------------------------|-----------------------------------|-----------|-------------------------|------------|--------------------------|---------------------------|
| Accuracy class to OIML R60 精度等级 | | C 1 | | C 3 | | | |
| Maximum capacity (E_{max}) 额定载荷 | t | 10, 15, 20, 30, 40, 50 | | | | | |
| Minimum LC verification interval (V _{min}) 最小检定分度值 | % of E _{max} | 0.0200 | | 0.0100 | | | |
| Sensitivity (C_n) 灵敏度 | digit | 1 000 000 | | | | | |
| Temperature effect on zero balance (TK ₀) 温度对零点影响 | % of C _n /10K | ±0.02 | | ±0.0170 | | | |
| Temperature effect on sensitivity (TK _c) 温度对灵敏度影响 | % of C _n /10K | ±0.02 | | ±0.0170 | | | |
| Hysteresis error (d _{hy}) 滞后误差 | % of C _n | ±0.0270 | | ±0.0180 | | | |
| Non-linearity (d _{lin}) 非线性误差 | % of C _n | ±0.0250 | | ±0.0167 | | | |
| Creep (d _{cr}) over 30 min. 蠕变及蠕变恢复 | % of C _n | ±0.030 | | ±0.0167 | | | |
| Current consumption 电流损耗 | mA | <21 | | | | | |
| Baudrate 波特率 | Baud | 9600 | | | | | |
| Number of bus addresses 总线地址数 | | max.32 | | | | | |
| Nominal range of excitation voltage (B_u) 额定电压 | V | 7~12 | | | | | |
| Asynchrone Interface 异步接口 | | RS485/4-Wire | | | | | |
| Service temperature range (B _{tu}) 工作温度 | °C | -20...+60 | | | | | |
| Safe load limit (E _L) & Break load (E _d) 安全承载&破坏载荷 | % of E _{max} | 150 & 200 | | | | | |
| Protection class according to EN 60 529 (IEC 529) 保护等级 | | IP68 | | | | | |
| Material : Measuring element 材料: 测量元件 Cable fitting 电缆配件/Cable sheath 电缆护套 | | Stainless Stainless steel /PVC | | | | | |
| Maximum capacity (E _{max}) 额定载荷 | t | 10 | 15 | 20 | 30 | 40 | 50 |
| Min. scale verification (e _{min}) according to EN 45 501 [...# = max. Number of load cells] 秤的最小检定分度值 | kg | 5 [6#] | 5 [6#] | 5 [6#] 10 [8#] | 10 [8#] | 10 [6#] 20 [8#] | 10 [4#] 20 [10#] |
| Recommended maximum weighing capacity of scale 推荐秤的额定载荷 | t | 20 | 30 | 50 80 | 100 | 100 150 | 100 200 |
| Deflection at E _{max} (s _{nom}), approx 最大载荷下的变形量 | mm | <0.55 | | | | | |
| Weight (G), approx 重量 | kg | 1.9 | 2.3 | | 2.9 | | |
| Cable 电缆: Diameter 直径: Ø5mm Length 长度 | m | 10 | 12 | | 16 | | |