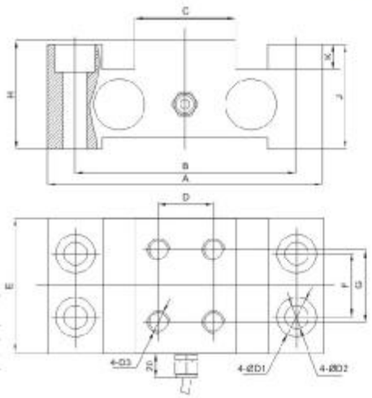
## QSN Load cell

QSN





钢包秤、天车秤
Steel embody scale,overhead crane scale

| 额定载荷(t) Rated Load | A | B | C | D | E | F | G | H | J | K | D1 | D2 | D3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 200 | 170 | 85 | 60 | 80 | 50 | 50 | 60 | 50 | 7 | 26 | 18 | M16 |
| 20,30 | 300 | 240 | 110 | 60 | 120 | 70 | 70 | 120 | 115 | 28 | 43 | 26 | M24 |
| 40,50 | 300 | 240 | 110 | 60 | 150 | 70 | 80 | 120 | 115 | 30.5 | 43 | 26 | M24 |

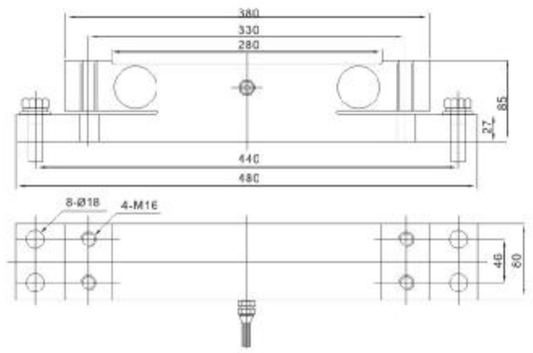
## TECHNICAL PARAMETER| 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

| | | | |
|---|---|---|---|
| 额定载荷 Rated capacities(Emax) | 10,20,30,40,50t | 温度补偿范围 Temperature range, compensated | -10℃~+40℃ |
| 灵敏度 Sensitivity | 1.0±0.005mV/V(10t);2.0±0.005mV/V(20t);(1.2±0.005mV/V(30t);1.8±0.005mV/V(40~50t) | 工作温度范围 Temperature range, operating | -30~+70℃ |
| 综合误差 Total error | ±0.2%F.S | 安全过载 Maximum safe overload | 150%F.S |
| 蠕变(30分钟)Creep error (30min) | ±0.03%F.S | 极限过载 Ultimate overload | 300%F.S |
| 零点平衡 Zero balance | ±1%F.S | 推荐激励电压 Excitation,recommend | 10~12V DC |
| 零点温度影响 TCO | ±0.02%F.S/10℃ | 最大激励电压 Excitation,maximum | 15V DC |
| 输出温度影响 TC SPAN | ±0.02%F.S/10℃ | 防封等级 Protection class | IP67 |
| 输入阻抗 Input impedance | 750±10Ω | 材质 Construction | 合金钢Alloy Steel |
| 输出阻抗 Output impedance | 702±3Ω,703±5Ω(L≥15m) | 电缆 Cable | Length=L:12m(10t),14m(20~30t),16m(40,50t) |
| 绝缘电阻 Insulation impedance | ≥5000MΩ | | Diameter: φ6mm |

## QSNB Load cell

QSNB





竖井计量
Shaft measurement

## TECHNICAL PARAMETER| 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

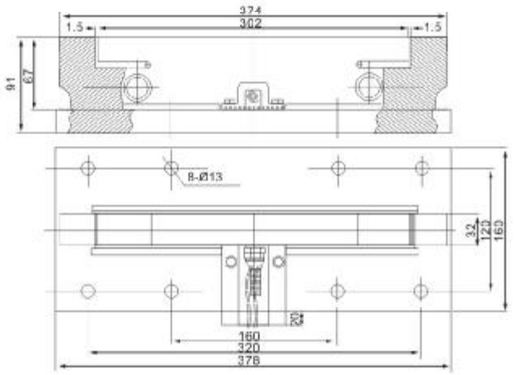
| | | | |
|---|---|---|---|
| 额定载荷 Rated capacities(Emax) | 10,15,20,25,30t | 温度补偿范围 Temperature range, compensated | -10℃~+40℃ |
| 灵敏度 Sensitivity | 2.0±0.005mV/V | 工作温度范围 Temperature range, operating | -30~+70℃ |
| 综合误差 Total error | ±0.1%F.S | 安全过载 Maximum safe overload | 120%F.S |
| 蠕变(30分钟)Creep error (30min) | ±0.05%F.S | 极限过载 Ultimate overload | 150%F.S |
| 零点平衡 Zero balance | ±1%F.S | 推荐激励电压 Excitation,recommend | 10~12V DC |
| 零点温度影响 TCO | ±0.02%F.S/10℃ | 最大激励电压 Excitation,maximum | 15V DC |
| 输出温度影响 TC SPAN | ±0.02%F.S/10℃ | 防封等级 Protection class | IP67 |
| 输入阻抗 Input impedance | 750±10Ω | 材质 Construction | 合金钢Alloy Steel |
| 输出阻抗 Output impedance | 702±3Ω | 电缆 Cable | Length:5m |
| 绝缘电阻 Insulation impedance | ≥5000MΩ | | Diameter: φ6mm |



## QSPG Load cell

QSPG





轨道衡
railway scale

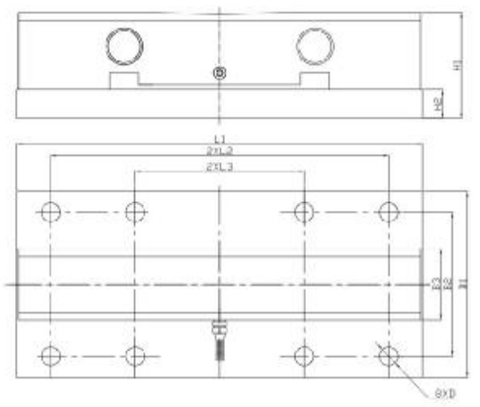
## TECHNICAL PARAMETER| 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

| | | | |
|---|---|---|---|
| 额定载荷 Rated capacities(Emax) | 5t | 温度补偿范围 Temperature range, compensated | -10℃~+40℃ |
| 灵敏度 Sensitivity | 2.5±0.005mV/V | 工作温度范围 Temperature range, operating | -30~+70℃ |
| 综合误差 Total error | ±0.1%F.S | 安全过载 Maximum safe overload | 120%F.S |
| 蠕变(30分钟)Creep error (30min) | ±0.03%F.S | 极限过载 Ultimate overload | 150%F.S |
| 零点平衡 Zero balance | ±1%F.S | 推荐激励电压 Excitation,recommend | 10~12V DC |
| 零点温度影响 TCO | ±0.03%F.S/10℃ | 最大激励电压 Excitation,maximum | 15V DC |
| 输出温度影响 TC SPAN | ±0.03%F.S/10℃ | 防封等级 Protection class | IP67 |
| 输入阻抗 Input impedance | 750±10Ω | 材质 Construction | 合金钢Alloy Steel |
| 输出阻抗 Output impedance | 702±3Ω | 电缆 Cable | Length:3.1m |
| 绝缘电阻 Insulation impedance | ≥5000MΩ | | Diameter: φ6mm |

## GG Load cell

GG





| 额定载荷 | 量程(t) | L1 | L2 | L3 | B1 | B2 | B3 | H1 | H2 | D |
|---|---|---|---|---|---|---|---|---|---|---|
| 11kg/m | 2 | 382 | 320 | 160 | 160 | 120 | 32 | 80.5 | 22 | φ13 |
| 15kg/m | 5~10 | 382 | 286 | 168 | 135 | 90 | 37 | 91 | 25 | φ17 |
| 18kg/m | 5~10 | 382 | 286 | 168 | 135 | 90 | 43 | 90 | 25 | φ17 |
| 24kg/m | 10~15 | 382 | 286 | 168 | 200 | 150 | 51 | 107 | 31 | φ22 |
| 38kg/m | 5~50 | 402 | 305 | 185 | 220 | 170 | 68 | 134 | 34 | φ22 |
| 43kg/m | 10~50 | 402 | 305 | 185 | 220 | 170 | 73 | 140 | 34 | φ22 |
| 50kg/m | 20~60 | 502 | 425 | 282 | 220 | 160 | 73 | 152 | 48 | φ26 |
| Qu100 | 40~60 | 452 | 350 | 202 | 260 | 200 | 108 | 150 | 48 | φ26 |
| Qu120 | 50~60 | 452 | 350 | 202 | 280 | 220 | 129 | 170 | 48 | φ26 |

轨道衡，天车秤
Railway scale,overhead crane scale

## TECHNICAL PARAMETER| 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

| | | | |
|---|---|---|---|
| 额定载荷Rated load | 2t~60t | 输出阻抗Output resistance | 702±5Ω |
| 精度等级 Accuracy class | 0.2 | 绝缘电阻Insulation resistance | ≥5000 MΩ |
| 灵敏度Sensitivity | 1.0±0.005mV/V：2~10t | 额定温度 Nominal Temp Range | -10~+40℃ |
| | 1.5±0.005mV/V：15~60t | 工作温度范围Service Temp Range | -30~+70℃ |
| 线性误差 Non-linearity | ±0.2%F.S | 安全负载Safe load limit | 150%F.S |
| 滞后误差 Hysteresis error | ±0.2%F.S | 破坏负载Breaking load | 200%F.S |
| 蠕变（30分钟）Creep(30min) | ±0.05%F.S | 额定激励电压Nominal of range excitation | 10~12 V DC |
| 零点温度影响TC ZERO | ±0.05%F.S/10℃ | 密封等级Protection Class | IP67 |
| 灵敏度温度影响TC SPAN | ±0.05%F.S/10℃ | 材料Material | 合金钢 Alloy Steel |
| 输入阻抗Input resistance | 750±20Ω | 电缆Cable | Length:16m |





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