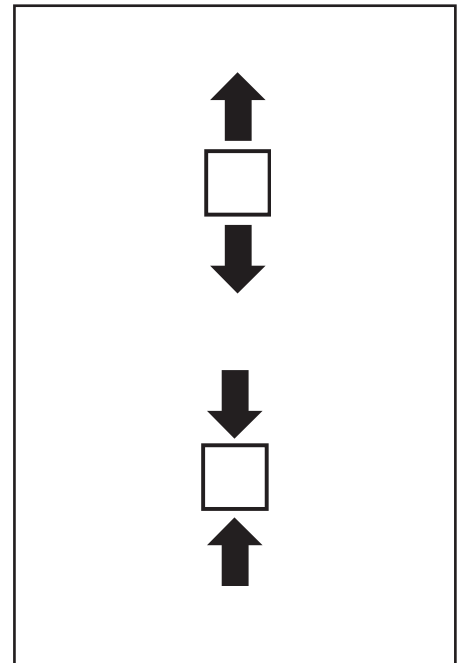


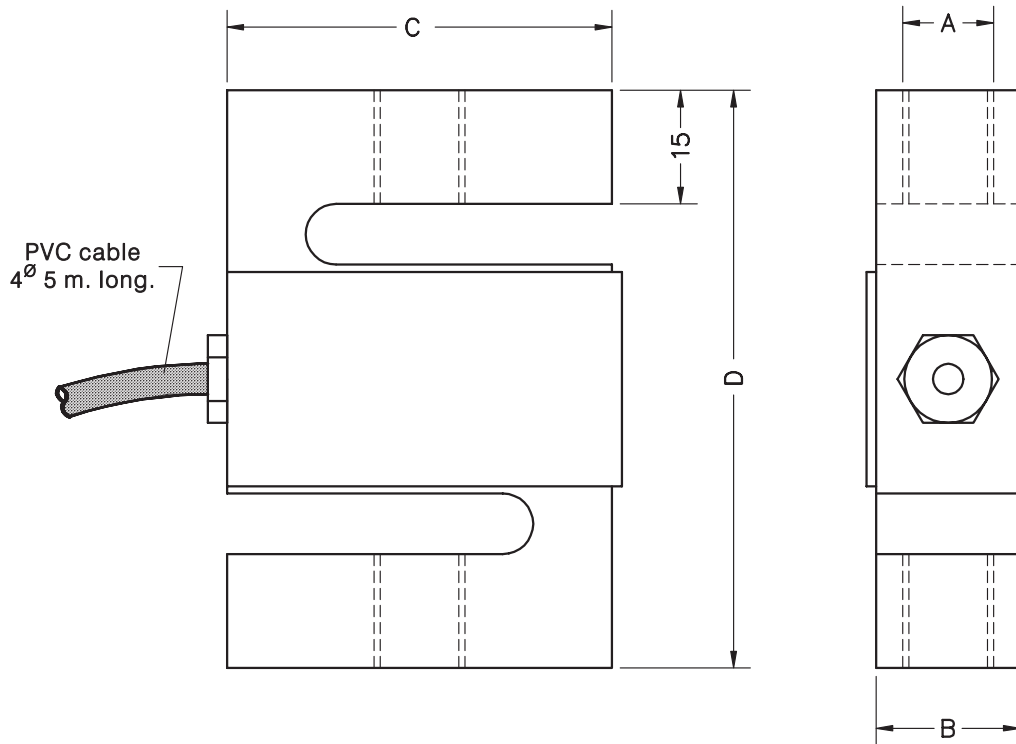


- Tension/compression load cell
- 3000 divisions OIML R60 class C
- Measuring element from alloy steel
- Protected IP 67 (EN 60529)
- Protected against corrosion by nickel-plated treatment
- Applications:
 - Suspended weighing in Tanks, Hoppers and Belt Conveyor Scales
 - Asphalt and Concrete Plants
 - Force measurement in Test Equipment
 - Crane scales

- 拉/压式称重传感器
- 3000分度 OIML R60 C级
- 合金钢弹性体
- 保护等级 IP67 (EN 60529)
- 表面镀镍处理, 防腐
- 应用:
 - 悬挂料罐称量, 料斗和皮带秤
 - 沥青工厂和水泥工厂
 - 测力机的力测量
 - 吊秤

Model 型号	Nominal capacity 量程 Ln	Accuracy class 准确度等级 n. OIML	Minimum division 最小分度值 vmin	Service load 最大称量	Safe load 安全载荷极限
610 50 kg	50 kg	3000	5 g	75 kg	150 kg
610 100 kg	100 kg	3000	10 g	150 kg	300 kg
610 250 kg	250 kg	3000	25 g	375 kg	750 kg
610 500 kg	500 kg	3000	50 g	750 kg	1500 kg
610 1000 kg	1000 kg	3000	100 g	1200 kg	2000 kg

MODEL 610



Nominal load 量程	A	B	C	D	Transport weight 重量
50-100 kg	M10x1.5	15	50.8	76.2	0.5 kg
250-500 kg	M12x1.75	19	50.8	76.2	0.6 kg
1000 kg	M12x1.75	25	49.5	75.0	0.7 kg

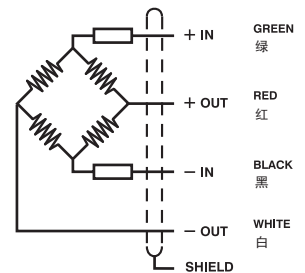
Dimensions in mm. 单位: mm

SPECIFICATIONS			技术条件
Nominal capacities (Ln)	50-100-250-500-1000	kg	量程 (Ln)
Accuracy class	3000	n. OIML	准确度等级
Minimum dead load	0	%Ln	最小静载荷
Service load	150	%Ln (1)	最大称量
Safe load limit	300	%Ln (2)	安全载荷极限
Total error	< ±0.017	%Sn	综合误差
Repeatability error	< ±0.015	%Sn	重复性误差
Temperature effect: on zero	< ±0.01	%Sn/5°C	温度影响: 零点
on sensitivity	< ±0.006	%Sn/5°C	灵敏度
Creep error (30 minutes)	< ±0.016	%Sn	蠕变 (30分钟)
Temperature compensation	-10...+40	°C	温度补偿
Temperature limits	-30...+70	°C	温度极限
Nominal sensitivity (Sn)	3 ±0.25%	mV/V	灵敏度
Nominal input voltage	10	V	激励电压
Maximum input voltage	15	V	最大激励电压
Input impedance	400 ±20	Ω	输入阻抗
Output impedance	350 ±3	Ω	输出阻抗
No load output	< ±2	%Sn	空荷输出
Insulation resistance	> 5000	MΩ	绝缘电阻
Maximum deflection (at Ln)	0.3-0.5	mm	绝缘电阻大变形位移 (量程内)

(1) For 1000 kg: 120 % / 量程1000kg: 120%

(2) For 1000 kg: 200% / 量程1000kg: 200%

ELECTRICAL CONNECTION 电气连接:

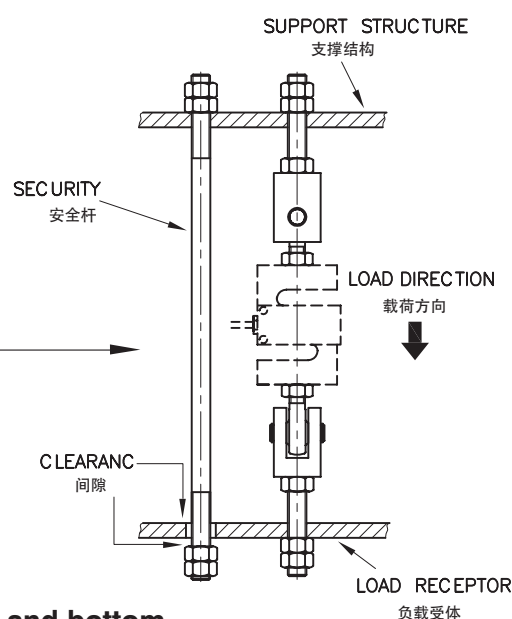
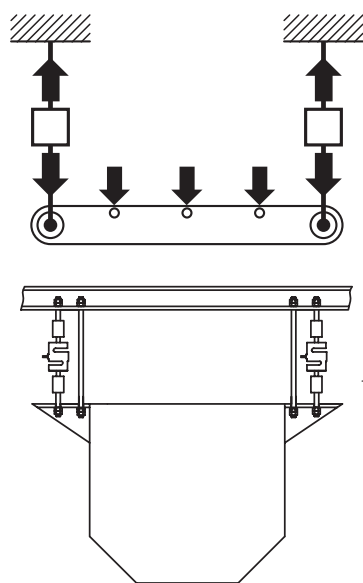
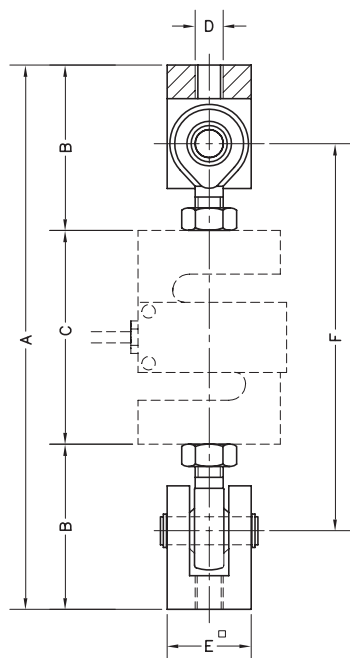


«OUTPUT SIGNALS FOR TENSION APPLICATION»

(张力应用信号输出)

TENSION ACCESSORIES FOR MODEL 610

MOD.610拉式安装附件



■ Each accessory contains a set of the top and bottom.

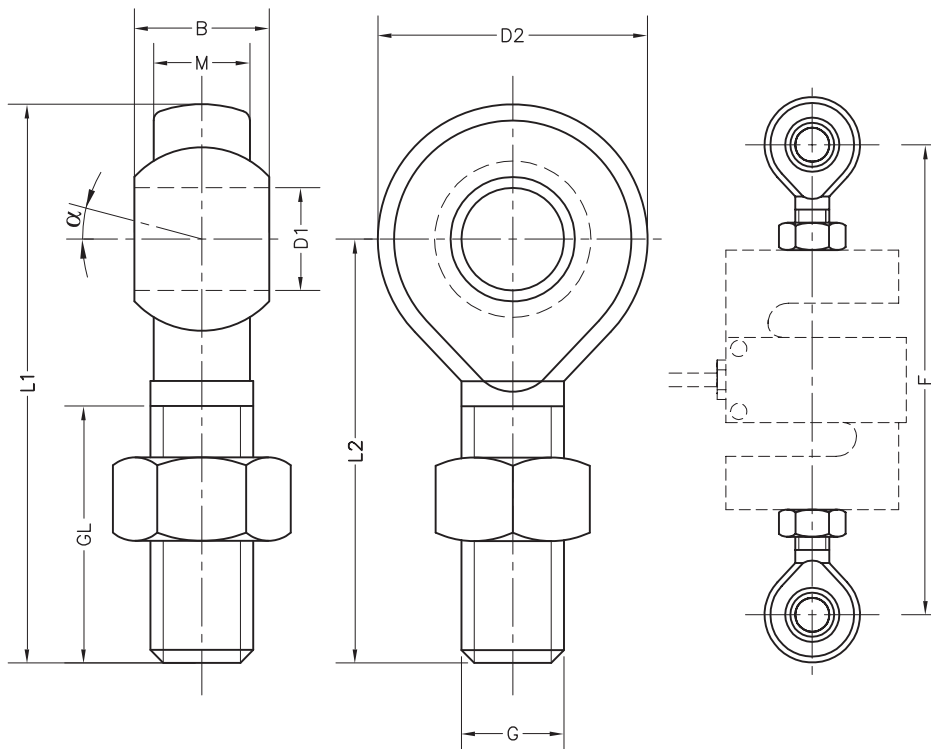
■ 每套附件包含一套上下连接件。

Accessory 附件	Nominal load 量程	A	B	C	D	E [□]	F	Ultimate load 极限载荷	Transport weight 重量	材质
TE10x1.5	50-100 kg	194	58.9	76.2	M10x1.5	30	138	400 kg	0.7 kg	Steel zinc-plated
TE12x1.75	250...1000 kg	242.2	83	76.2	M12x1.75	35	154.2	2580 kg	1.4 kg	合金钢镀锌

Dimensions in mm. 单位: mm

ROD ENDS FOR MODEL 610

MOD.610杆端关节轴承



- Material: Steel zinc-plated
- Each accessory RO includes a set of:
2 rod ends and 2 nuts

- 材质：合金钢镀锌
- 每套RO附件包含2个杆端关节轴承和2个螺母

RO Accessories Dimensions / RO附件尺寸												
Accessory 附件	Capacity/ 量程 (kg)	D2	B	M	D1	L1	L2	GL	G	α	F	Trans. weight 重量
R010x1.5	50-100	28	14	10.5	Ø10	62	48	29	M10x1.5	13°	138	0.2 kg
R012x1.75	250-500-1000	32	16	12.0	Ø12	70	54	33	M12x1.75	13°	154.2	0.2 kg

Dimensions in mm. 单位: mm