

深圳市诗拓浦仪器仪表有限公司

LAUMAS 剪切梁和弯曲称重传感器 FTK-75kg



型号:

弯曲梁:

FTK-75kg

FTK-150kg

FTK-300kg

剪切梁:

FTK-500kg

FTK-1000kg

FTK-2000kg

FTK-3000kg

FTK-5000kg

特征:

1,特殊钢结构

称重传感器 | 控制仪表 | 应变测试仪

www.sensortop.cn Tel:0755-23002259 sales@sensortop.cn

深圳市诗拓浦仪器仪表有限公司

- 2, 组合误差 $\leq \pm 0.02\%$
- 3, 防护等级 IP67/IP68
- 4, 精度等级 C3 (OIML R60)

规格:

- 1, 组合误差: $\leq \pm 0.02\%$
- 2, 防护等级: IP67 (75 - 300 kg), IP68 (500 - 5000 kg)
- 3, 额定输出功率: $2\text{mV/V} \pm 0.1\%$
- 4, 温度对氧化锆的影响: $0.002\% \text{ } ^\circ\text{C}$
- 5, 温度对 SPA 的影响: $0.0012\% \text{ } ^\circ\text{C}$
- 6, 补偿温度范围: $-10 \text{ } ^\circ\text{C} / +40 \text{ } ^\circ\text{C}$
- 7, 工作温度范围: $-20 \text{ } ^\circ\text{C} / +70 \text{ } ^\circ\text{C}$,
- 8, 30 分钟内额定载荷下的蠕变: 0.03%
- 9, 无损坏的最大电源电压: 15 V
- 10, 额定载荷: $75 - 150 - 300 - 500 \text{ kg} \quad 1000 - 2000 - 3000 - 5000 \text{ kg}$

TECHNICAL FEATURES

Material		Special steel	
OIML R60 Accuracy class • Verification intervals		-	C3 • 3000
Nominal load (E max)		75 - 150 - 300 - 500 kg	1000 - 2000 - 3000 - 5000 kg
Minimum verification interval (V min)		-	E max / 12000
Combined error		$\leq \pm 0.02\%$	
Protection class		IP67 (75 - 300 kg), IP68 (500 - 5000 kg)	
Rated output	$2 \text{ mV/V} \pm 0.1\%$	Input resistance	$400 \Omega \pm 10$
Temperature effect on zero	$0.002\% \text{ } ^\circ\text{C}$	Output resistance	$352 \Omega \pm 2$
Temperature effect on span	$0.0012\% \text{ } ^\circ\text{C}$	Zero balance	$\pm 2\%$
Compensated temperature range	$-10 \text{ } ^\circ\text{C} / +40 \text{ } ^\circ\text{C}$	Insulation resistance	$\geq 5000 \text{ M}\Omega$
Operating temperature range	$-20 \text{ } ^\circ\text{C} / +70 \text{ } ^\circ\text{C}$	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	250%
Max supply voltage without damage	15 V	Deflection at nominal load	0.6 mm

称重传感器 | 控制仪表 | 应变测试仪

www.sensortop.cn Tel:0755-23002259 sales@sensortop.cn

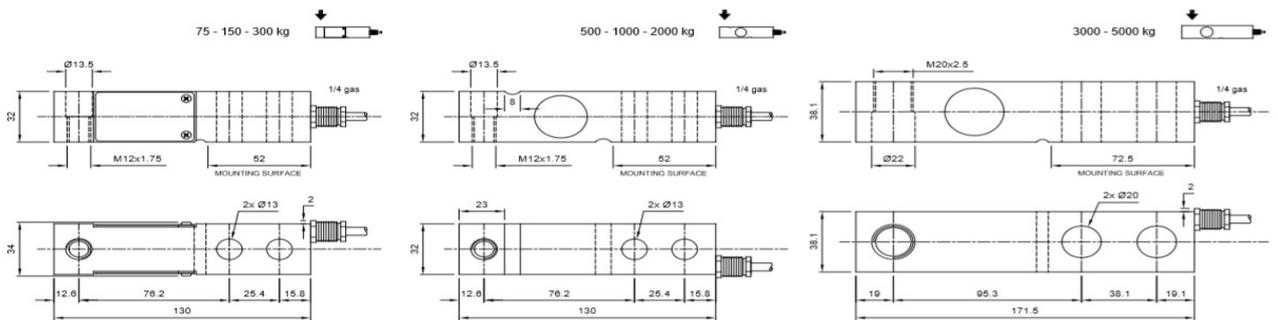
深圳市诗拓浦仪器仪表有限公司

电气连接:

- 1, 线长度:6m
- 2, 电缆直径:5mm
- 3, 核心:4/6x0.24mm²

产品相关图片

DIMENSIONS (mm)



深圳市诗拓浦仪器仪表有限公司

CAPACITY	kg	ACCURACY CLASS C3	 	EN	NET WEIGHT OF LOAD CELL (kg)	CODE
75		-	•	•	1	FTK75
150		-	•	•	1	FTK150
300		-	•	•	1	FTK300
500		-	•	•	1	FTK500
1000		•	•	•	1.1	FTK1000
2000		•	•	•	1.1	FTK2000
3000		•	•	•	1.1	FTK3000
5000		•	•	•	1.1	FTK5000