MUJIE 慕杰®
YOUR AUTOMATION ,YOUR MUJIE !

拉压双向受力，结构紧凑，综合精度高
长期稳定性好，优质合金钢表面镀镍

轮辐式称重传感器MLFC系列
Spoke pressure sensor MLFC series

Tension compression two-way stress, compact structure, high comprehensive accuracy, good long-term stability, nickel plating on the surface of high-quality alloy steel

▶ 型号说明Model Explanation

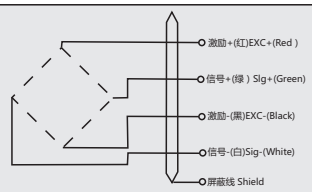
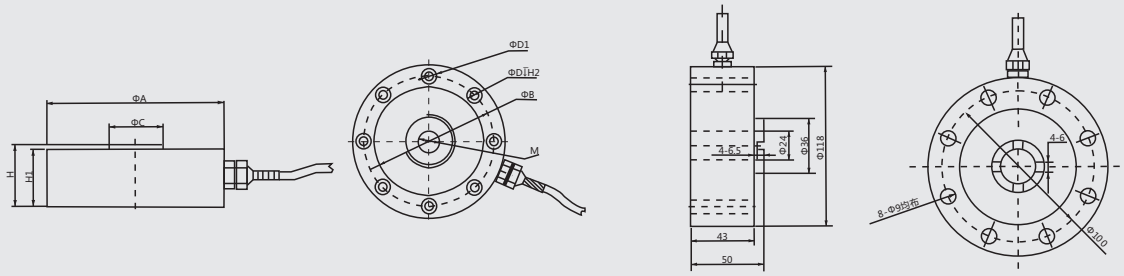
MLFC	量程	φA	φB	φC	φD	φD1	M	H	H1	H2	-□
基本型号Model MLFC：轮辐式称重 Model code M□: 特殊型号定义 Speciall definition	100-1000kg 1-5t 10-20t 30t 40-80t 100-200t 300-400t 500-600t 800-1000t	74 105 120.6 141 208 280 360 420 500	63 89 101.8 116.8 174 230 300 370 440	24 29 39 50.4 95 136 190 266 330	8-φ9 8-φ6 8-φ7 8-φ9 8-φ11 8-φ18 6-φ20 16-φ26 20-φ40 20-φ42 12-φ42	8-φ6 8-φ7 8-φ9 8-φ11 16-φ13 16-φ17 20-φ25 20-φ28 12-φ28	M16*1.5 M16*1.5 M32*1.5 M40*1.5 M64*3 M76*3 M100*3 M130*4 M200*4	34 37 53.557.2 70 90 110 140 170	30 34 41 50.8 * * * * *	7.2 7.2 10.5 11 15 20 20 30 30	客户定制 Customized informat

▶ 技术规格Specification

参数 parameter			
量程 Capacity	0-500T	材质 texture of material	合金铜 Alloyed copper
输出灵敏度 Output sensitivity	2.0±10%mV/V	阻抗 impedance	20-1000kg:700/1400Ω 1-30T:700Ω 50-500T:1400Ω
零点输出 Zero output	±1%F.S.	绝缘电阻 insulation resistance	≥5000MΩ/100VDC
非线性 Nonlinearity	0.05%F.S.	使用电压 Applied Voltage	5-15V
滞后 lagging	0.05%F.S.	工作温度范围 Operating temperature range	-20-80℃
重复性 Repeatability	0.03%F.S.	安全过载 SAFE overload	150%
蠕变(30分钟) Creep (30 Min)	0.03%F.S.	极限过载 Ultimate overload	200%
温度灵敏度漂移 Temperature sensitivity drift	0.03%F.S./10℃	电缆线规格 Cable Specification	Φ5x3m
零点温度漂移 Zero temperature drift	0.03%F.S./10℃	线缆极限拉力 Cable ultimate tension	10kg
响应频率 Response Frequency	10KHz	T E D S可选 T E D S optional	

参数 parameter			
量程 Capacity	0-100KN	材质 texture of material	合金铜Alloyed copper
输出灵敏度 Output sensitivity	2.0±10%mV/V	阻抗 impedance	700/1400Ω
零点输出 Zero output	±1%F.S.	绝缘电阻 insulation resistance	≥5000MΩ/100VDC
非线性 Nonlinearity	0.05%F.S.	使用电压 Applied Voltage	5-15V
滞后 lagging	0.05%F.S.	工作温度范围 Operating temperature range	-20-80℃
重复性 Repeatability	0.03%F.S.	安全过载 SAFE overload	150%
蠕变(30分钟) Creep (30 Min)	0.03%F.S.	极限过载 Ultimate overload	200%
温度灵敏度漂移 Temperature sensitivity drift	0.03%F.S./10℃	电缆线规格 Cable Specification	Φ5x5m
零点温度漂移 Zero temperature drift	0.05%F.S./10℃	线缆极限拉力 Cable ultimate tension	10kg
响应频率 Response Frequency	10KHz	T E D S可选 T E D S optional	

▶ 电路输出方式(示例) Example for output circuit



▶ 安装尺寸图 Mounting Dimensions(单位Unit:mm)