

产品概述/Product Description

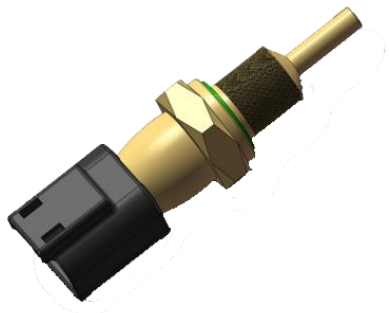
灵活的温度传感器适用于多种工业应用，例如：空气压缩机、移动式液压系统、制冷暖通和废气循环系统。换言之，坚固性、尺寸和性能在这些应用领域必不可少。

该传感器可配备不同传感元件（RTD、NTC 和 PTC）并提供多种不同电气连接（电缆散线、德尔福插件、安普、德驰等）。产品优势如下：高防护等级，适应多灰尘及滑环裸露工作环境；高防震结构设计，适应高振工作环境；模块化概念，适用于多样的应用。

Flexible temperature sensors are suitable for a variety of industrial applications, such as air compressors, mobile hydraulic systems, refrigeration HVAC and exhaust gas circulation systems. In other words, robustness, size and performance are essential in these applications.

The sensor can be equipped with different sensing elements (RTD, NTC and PTC) and provides a variety of different electrical connections (cable scatter, Delphi plug-in, Amp, Decci, etc.). Advantages of the product are as follows: high protection level, suitable for dusty and slip-ring exposed working environment; High shockproof structure design, adapt to high vibration working environment; Modular concept, suitable for a variety of applications.

LLWK 系列温度传感器/LLWK series temperature sensor



产品特点 Product Features

- 多种可用传感元件（RTD、NTC 和 PTC）
- A variety of sensing elements are available (RTD、NTC and PTC)
- 耐用、高防潮性/Durable, high moisture resistance
- 固定测量插芯/Fixed measuring core
- 黄铜或不锈钢材质/Brass or stainless steel
- 极低反应时间/Low response time
- 提供电缆或集成插头/Cable or integrated plug is provided

技术参数 Technical Parameter

机械参数/mechanical parameter

描述/Description	技术参数/technical parameters
探头组件/Probe assembly	黄铜/不锈钢 Brass/stainless steel
螺纹接口/Thread connection	G1/4
工作温度/operating temperature	-50~+180°C
出线方式/Entry cable	德驰 DT04-2P 插件/Deutsch DT04-2P inserts
最大耐压/Max Pressure	10 bar
振动/vibrational frequency	30g ,10-2000Hz
冲击/Impact resistance class	500g ,1ms
防护等级/protection level	IP65
重量/weight	35g

电气参数/electric parameter

描述/Description	技术参数/technical parameters
精度等级/accuracy class	B 级: $\Delta t = \pm (0.30 + 0.005 t) ^\circ\text{C}$
	A 级: $\Delta t = \pm (0.15 + 0.002 t) ^\circ\text{C}$
触点容量/ Contact Rating	250 V AC, 2 A

产品安装 Product Installation

