

# Ultrasonic transducer WK-21B



## Ultrasonic transducers technical specification

Product name: ultrasonic transducers

type of the products: WK-21B

3.用途：超声波水表、超声波流量计等液体流量探测

flow detection

parameters:

1.产品名称：超声波换能器:

2.产品型号：WK-21B

use: ultrasonic liquid

4.性能参数：performance

测试条件: T=26°C 发射信号频率: 1MHz。脉冲: 10.个 电压: 3.6v。周期: 1.00us。 L: 换能器为 80mm 测距  
 Test conditions: T=26 ° c emission signal frequency: 1MHz. Pulse: 10. voltage: 3.6V. Period: 1.00US.  
 l: transducer for 80mm location

| 规格<br>Specification | 动态频率<br>Dynamic frequency<br>±2% MHz | 幅值<br>Amplitude<br>mV | 电容量<br>Electric capacity<br>Pf, ±10% | 阻抗<br>Impedance | 尺寸<br>Dimensions<br>mm | 发射面材质<br>Launcematerials | 外壳材料<br>Case material             | 内部材料<br>Internal material      | 防护等级<br>Protection class | 耐压<br>MPa |
|---------------------|--------------------------------------|-----------------------|--------------------------------------|-----------------|------------------------|--------------------------|-----------------------------------|--------------------------------|--------------------------|-----------|
| WK-21B              | 1.0                                  | 1800                  | 1150                                 | <110Ω           | Φ 17                   | 不锈钢<br>Stainless steel   | 高温塑料<br>High-temperature plastics | 压电陶瓷<br>Piezoelectric ceramics | IP65                     | 2.5       |

5. 结构尺寸 : Dimension:

