

**产品要点**

- Through-beam type
- Actual range up to 15 mm
- Cylindrical smooth sensing head  $\varnothing 3$  mm with thin sleeve  $\varnothing 0.3$  mm, very fine fiber core for ultra precision
- Plastic high-flex fiber 50 cm long
- Operating temperature up to +70 °C
- For compact fiber optic sensors FVDK 10 and OF10



图片与实际产品类似

**技术数据**

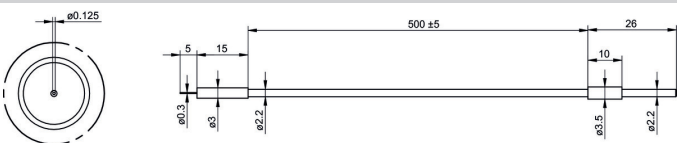
**基本参数**

|   |                                 |
|---|---------------------------------|
| 特殊特性                                    | 光滑感应头 · 无螺纹<br>Fine sleeve      |
| Operating principle                     | Through-beam type               |
| Actual range Sb                         | 15 mm                           |
| 感应头类型 ( 光纤 )                            | Cylindrical smooth, with sleeve |
| 工作温度                                    | -55 ... +70 °C                  |
| 出光角                                     | 60°                             |
| Fiber optics can be shortened to length | No                              |
| Integrated lens                         | No                              |
| Adaptable lens                          | No                              |
| Infrared light compatibility (1450 nm)  | No                              |

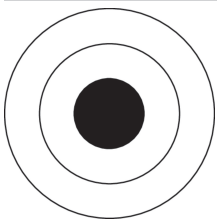
**基本参数**

|                              |          |
|------------------------------|----------|
| Smallest object recognizable | 0,005 mm |
| <b>机械参数</b>                  |          |
| Diameter Fiber               | 0,125 mm |
| 宽度 / 直径 ( 感应头 )              | 3 mm     |
| 高度 / 长度 ( 感应头 )              | 20 mm    |
| 感应头材质                        | 不锈钢      |
| Bending radius (fixed)       | 1 mm     |
| 电缆护套直径                       | 2,2 mm   |
| 电缆护套材质                       | PE       |
| 光纤材质                         | 塑料       |
| 长度 ( 光纤 )                    | 50 cm    |

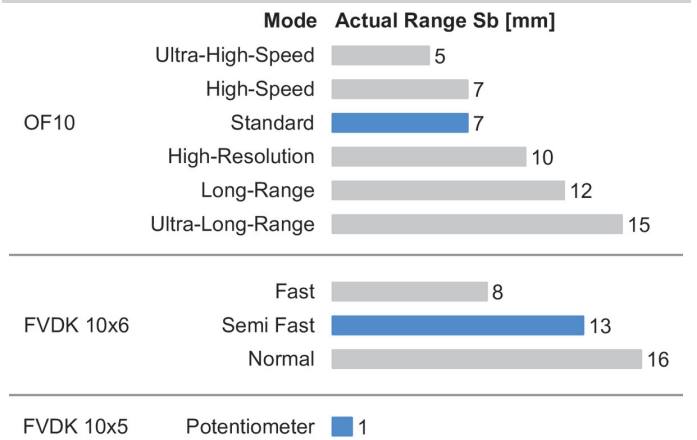
**尺寸图**



**Fiber arrangement**



**Actual range diagram**



2024-08-26 指定的产品特性或功能和技术数据不代表或暗示任何保证。技术参数如有变更，恕不另行通知。

## 附件

## Fitting fiber optic sensors

|          |                        |
|----------|------------------------|
| 11252204 | OF10.FR-GW2J.B2NV/A014 |
| 11244386 | OF10.FR-GW2J.B2CV/A014 |
| 11224111 | OF10.FR-PW1B.B2N       |
| 11224008 | OF10.FR-NW1B.B2CV      |
| 11224009 | OF10.FR-NW1B.B2N       |
| 11224110 | OF10.FR-PW1B.B2CV      |
| 11244384 | OF10.FR-GW2J.B2N/A014  |
| 10162867 | FVDK 10N5101           |
| 10162865 | FVDK 10N5101/S35A      |
| 10162866 | FVDK 10P5101           |
| 10162864 | FVDK 10P5101/S35A      |
| 11045446 | FVDK 10N66Y0           |
| 11045448 | FVDK 10N66Y0/S35A      |
| 11045460 | FVDK 10N66YR           |
| 11045445 | FVDK 10P66Y0           |
| 11045447 | FVDK 10P66Y0/S35A      |
| 11045449 | FVDK 10P66YR           |
| 11214490 | FVDK 10P66ZR           |
| 11214493 | FVDK 10P66Z0/S35A      |
| 11214478 | FVDK 10P66Z0           |
| 11214492 | FVDK 10N66ZR           |
| 11214494 | FVDK 10N66Z0/S35A      |
| 11214479 | FVDK 10N66Z0           |
| 11045462 | FVDK 10N66YM           |
| 11045464 | FVDK 10N66YS           |
| 11045461 | FVDK 10P66YM           |
| 11045463 | FVDK 10P66YS           |