

# FSE 100FR002

Plastic fiber optic cable

Article number: 11708611

## Overview

- Through-beam type
- Actual range up to 283 mm
- Rectangular sensing head, 3 mm flat, front view
- Plastic high-flex fiber 100 cm long
- Operating temperature up to +70 °C
- For compact fiber optic sensors FVDK 10 and OF10



Picture similar

## Technical data

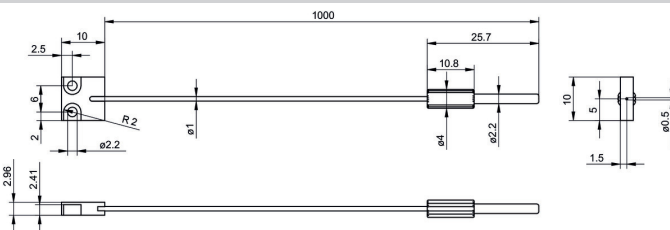
### General data

|   |                   |
|---|-------------------|
| Operating principle                     | Through-beam type |
| Actual range Sb                         | 283 mm            |
| Fiber optic head                        | Rectangular       |
| Operating temperature                   | -40 ... +70 °C    |
| Exit angle                              | 60°               |
| Fiber optics can be shortened to length | Yes               |
| Integrated lens                         | No                |
| Adaptable lens                          | No                |
| Infrared light compatibility (1450 nm)  | No                |
| Smallest object recognizable            | 0.005 mm          |

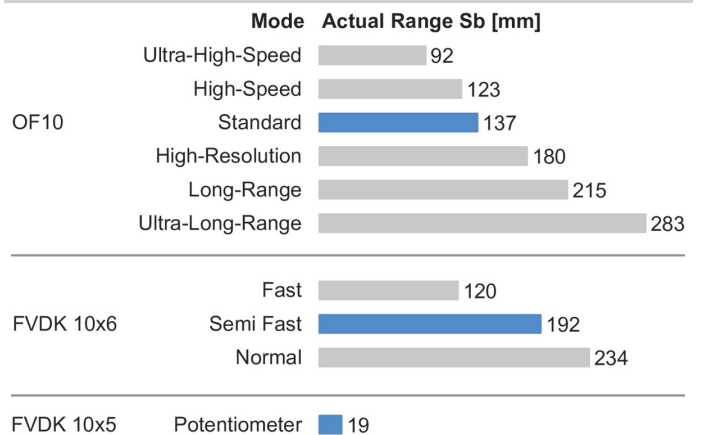
### Mechanical data

|                              |          |
|------------------------------|----------|
| Diameter Fiber               | 0.5 mm   |
| Width / diameter (head)      | 10 mm    |
| Height / length (head)       | 10 mm    |
| Material (head)              | Aluminum |
| Bending radius (fixed)       | 1 mm     |
| Cable jacket diameter        | 1 mm     |
| Material cable jacket        | PE       |
| Material (fiber optic cable) | Plastic  |
| Length (fiber optic cable)   | 100 cm   |

## Dimension drawing



## Actual range diagram



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## Accessories

### 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           |

### Mounting accessories

|          |                           |
|----------|---------------------------|
| 11708552 | ZTOOL-FBR.CUTTER          |
| 10119912 | Mounting bracket Ø 1,1 mm |