

FSE 200D1Y50

Plastic fiber optic cable

Article number: 10151373

Overview

- Through-beam type
- Actual range up to 505 mm
- Threaded sensing head M3
- Bend-tolerant plastic fiber 200 cm long, suitable for flexible cable carriers
- Operating temperature up to +70 °C
- For compact fiber optic sensors FVDK 10 and OF10



Picture similar

Technical data

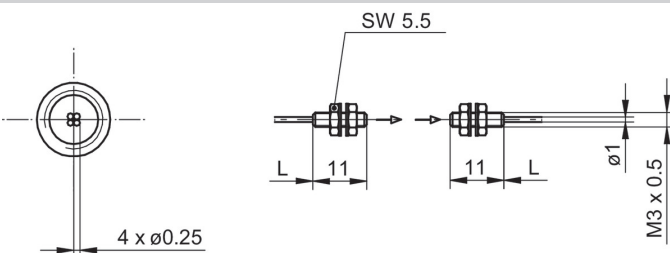
General data

| | |
|---|----------------------|
| Operating principle | Through-beam type |
| Actual range Sb | 505 mm |
| Fiber optic head | Cylindrical threaded |
| Operating temperature | -30 ... +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 | 0.01 mm |

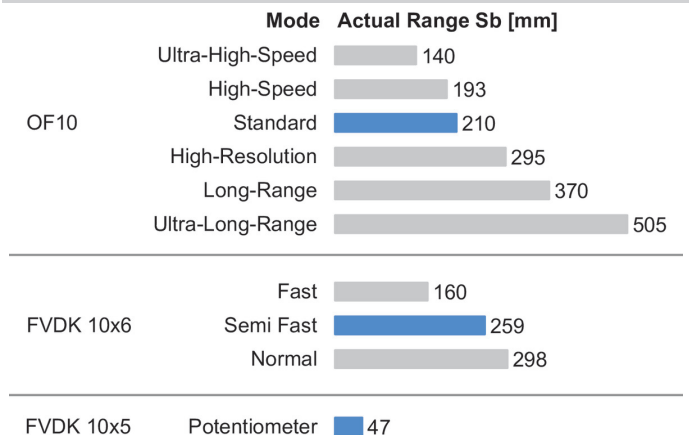
Mechanical data

| | |
|------------------------------|-----------------|
| Width / diameter (head) | 3 mm |
| Height / length (head) | 11 mm |
| Material (head) | Stainless steel |
| Thread | M3 x 0.5 |
| Bending radius (fixed) | 4 mm |
| Cable jacket diameter | 1 mm |
| Material cable jacket | PE |
| Material (fiber optic cable) | Plastic |
| Length (fiber optic cable) | 200 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

| | |
|----------|---------------------------------------|
| 10114652 | Cutting tool for plastic fiber optics |
| 10119912 | Mounting bracket Ø 1,1 mm |

Lenses and components

| | |
|----------|----------------|
| 10140260 | Reduction tube |
|----------|----------------|