

FSE 200FR001

Plastic fiber optic cable

Article number: 11708610

Overview

- Through-beam type
- Actual range up to 298 mm
- Rectangular sensing head, 2 mm flat, side view
- Plastic high-flex fiber 200 cm long
- Operating temperature up to +70 °C
- For compact fiber optic sensors FVDK 10 and OF10

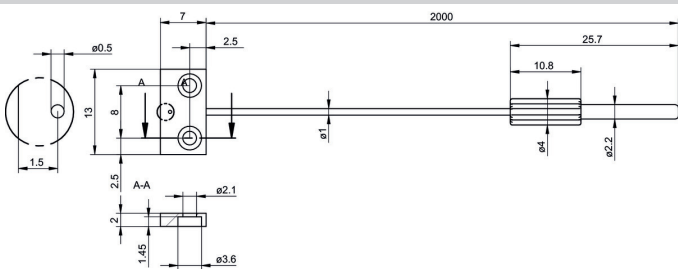


Picture similar

Technical data

General data		Mechanical data	
Particular characteristics	Side view	Diameter Fiber	0.5 mm
Operating principle	Through-beam type	Width / diameter (head)	13 mm
Actual range Sb	298 mm	Height / length (head)	7 mm
Fiber optic head	Rectangular, side view	Depth (head)	2
Operating temperature	-40 ... +70 °C	Material (head)	Aluminum
Exit angle	60°	Bending radius (fixed)	1 mm
Fiber optics can be shortened to length	Yes	Cable jacket diameter	1 mm
Integrated lens	No	Material cable jacket	PE
Adaptable lens	No	Material (fiber optic cable)	Plastic
Infrared light compatibility (1450 nm)	No	Length (fiber optic cable)	200 cm
Smallest object recognizable	0.005 mm		

Dimension drawing



Actual range diagram

	Mode	Actual Range Sb [mm]
OF10	Ultra-High-Speed	94
	High-Speed	122
	Standard	140
	High-Resolution	182
	Long-Range	230
FVDK 10x6	Ultra-Long-Range	298
	Fast	85
	Semi Fast	137
FVDK 10x5	Normal	161
	Potentiometer	21

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