

FPE 200C1Y00

Plastic fiber optic cable

Article number: 10135350

Overview

- Through-beam type
- Actual range up to 3400 mm
- Threaded sensing head M4, with sleeve $\varnothing 2.8$ and integrated lens for almost parallel beam
- Plastic fiber 200 cm long
- Operating temperature up to +70 °C
- For compact fiber optic sensors FVDK 10 and OF10



Picture similar

Technical data

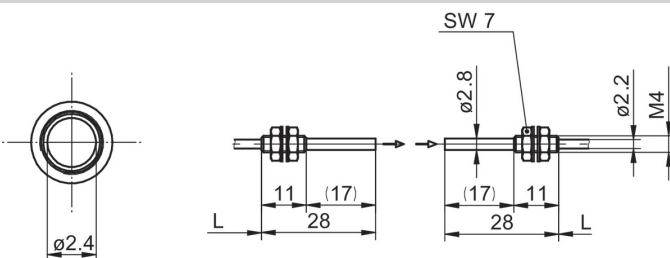
General data

Particular characteristics	Parallel beam Integrated lens
Operating principle	Through-beam type
Actual range Sb	3400 mm
Fiber optic head	Cylindrical threaded, with sleeve
Operating temperature	-30 ... +70 °C
Exit angle	5°
Fiber optics can be shortened to length	Yes
Integrated lens	Yes
Adaptable lens	No
Infrared light compatibility (1450 nm)	No

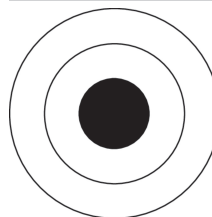
Mechanical data

Diameter Fiber	0.75 mm
Width / diameter (head)	4 mm
Height / length (head)	28 mm
Material (head)	Stainless steel
Thread	M4 x 0.7
Bending radius (fixed)	20 mm
Cable jacket diameter	2.2 mm
Material cable jacket	PE
Material (fiber optic cable)	Plastic
Length (fiber optic cable)	200 cm

Dimension drawing



Fiber arrangement



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Actual range diagram

	Mode	Actual Range Sb [mm]
OF10	Ultra-High-Speed	3400
	High-Speed	3400
	Standard	3400
	High-Resolution	3400
	Long-Range	3400
	Ultra-Long-Range	3400
FVDK 10x6	Fast	2488
	Semi Fast	3400
	Normal	3400
FVDK 10x5	Potentiometer	749

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
10119911	Mounting bracket Ø 2,2 mm
10156738	Fiber optic cable extension 2 m
10158142	Fiber optic cable extension 5 m
10145523	Fiber optic cable extension 5 m highly flexible