

FUE 050C2Y10

Plastic fiber optic cable

Article number: 10135364

Overview

- Diffuse type
- Sensing distance up to 77 mm
- Cylindrical smooth sensing head $\varnothing 3$ mm, with thin sleeve $\varnothing 0.82$ mm
- Bend-tolerant plastic fiber 50 cm long
- Operating temperature up to $+70$ °C
- For compact fiber optic sensors FVDK 10 and OF10



Picture similar

Technical data

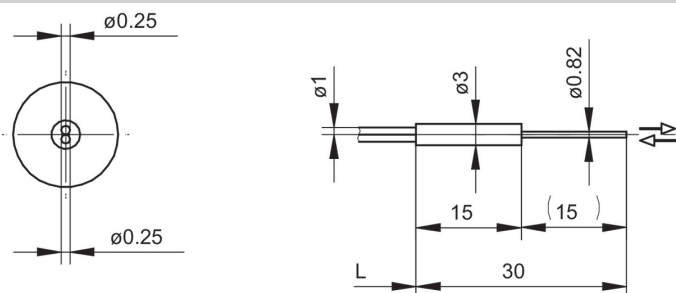
General data

Particular characteristics	Smooth sensing head Fine sleeve
Operating principle	Diffuse type
Sensing distance T_w	20 mm
Fiber optic head	Cylindrical smooth, with sleeve
Operating temperature	$-30 \dots +70$ °C
Exit angle	60°
Fiber optics can be shortened to length	Yes
Integrated lens	No
Adaptable lens	No
Infrared light compatibility (1450 nm)	No

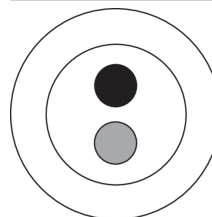
Mechanical data

Diameter Fiber	0.25 mm
Width / diameter (head)	3 mm
Height / length (head)	30 mm
Material (head)	Stainless steel
Bending radius (fixed)	4 mm
Cable jacket diameter	1 mm
Material cable jacket	PE
Material (fiber optic cable)	Plastic
Length (fiber optic cable)	50 cm

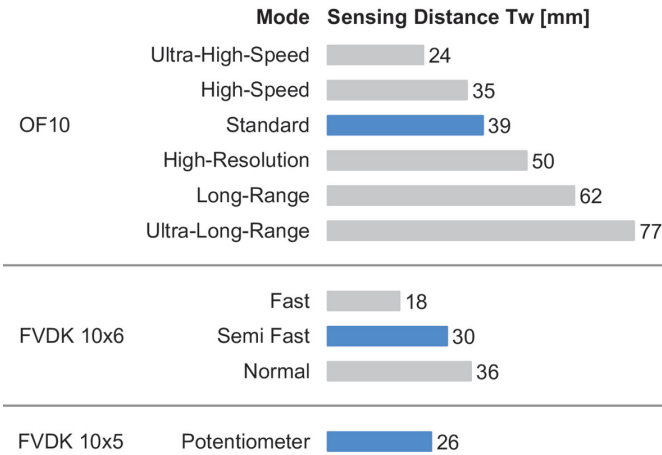
Dimension drawing



Fiber arrangement



Sensing distance diagram



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
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