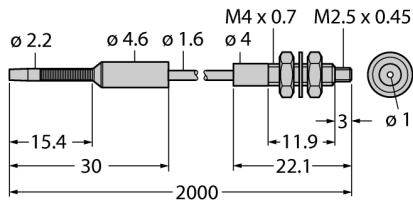


# Plastic Fiber Single Conductor PIT46TB5HF



- Operating mode: Opposed mode sensor
- 2 pcs. included in delivery
- Polyethylene jacket, flexible
- Operating temperature: -30...+70 °C
- End tip terminated
- Highly flexible optical fiber
- End sleeve for sensor: Thread
- Optical fiber, core diameter 1.0 mm
- Optical fiber, total length: ± 1829 mm

## Functional principle

Glass or plastic fibers are the optimum choice for high-temperature applications and limited spaces. They transfer the light from the sensor to a remote object. Individual fibers are used for opposed mode sensing, whereas bifurcated fibers are suited for retroreflective or diffuse mode operation.

Type	PIT46TB5HF
ID	3069728
<b>Optical data</b>	
Function	Opposed mode sensor (emitter/receiver)
Fiber-optic type	Plastic
<b>Mechanical data</b>	
Housing material	Plastic, PE, Black
Jacket material	STEELSKIN Lite
Jacket material	plastic, PE
Bundle diameter	1 mm
Material of the fiber-optic tip	Stainless Steel
Bending cycles	1000
Bending radius	Ø 12 mm
Ambient temperature	-30...+70 °C
Max. temperature tip	70 °C