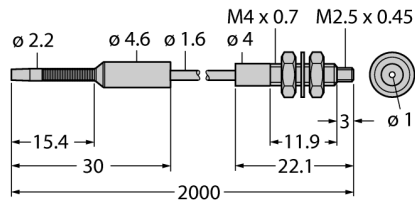


Plastic Fiber Single Conductor PIT46TB5HF



- 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
Optical data	
Function	Opposed mode sensor (emitter/receiver)
Fiber-optic type	Plastic
Mechanical data	
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