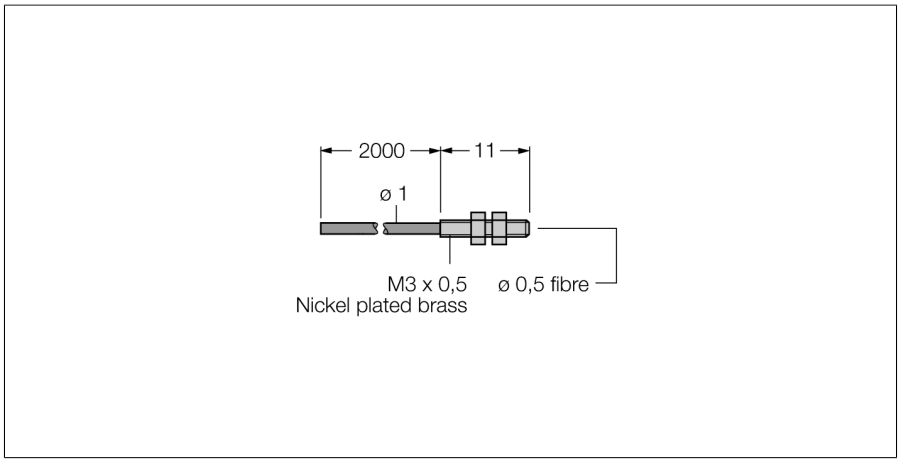
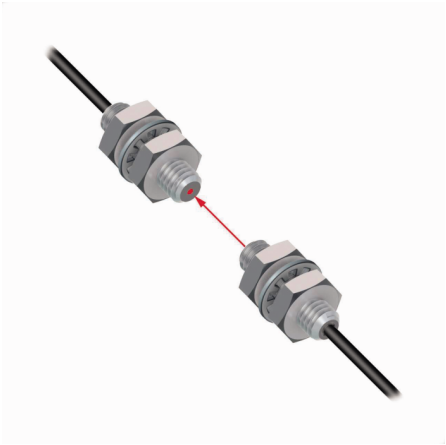
Plastic Fiber
Single Conductor — Jacketed Optical Cable Made of Plastic Fiber
PIT26U





Type	PIT26U
ID	3026079
Optical data	
Function	Opposed mode sensor (emitter/receiver)
Fiber-optic type	Plastic
Mechanical data	
Design	Circular
Housing material	Plastic, PE, Black
Jacket material	Polyethylene
Jacket material	plastic, PE
Bundle diameter	0.5 mm
Material of the fiber-optic tip	Nickel-Plated Brass
Bending cycles	5000
Bending radius	Ø 10 mm
Ambient temperature	-30…+70 °C
Max. temperature tip	70 °C

- Operation: opposed mode
- 2 pcs. included in delivery
- Polyethylene sheath, flexible
- Operating temperature: -30…+70 °C
- Cable, straight, customizable
- End sleeve for probe, M3 × 0.5 threaded
- Optical fiber, core diameter 0.5 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.

Edition • 2025-02-26T12:31:11+01:00