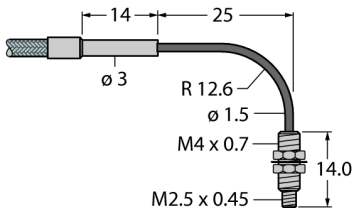


Plastic Fiber
Single Conductor — Jacketed Optical Cable Made of Plastic
Fiber
PIAT43TMB5



- Operation: opposed mode
- 2 pcs. included in delivery
- Polyethylene sheath, flexible
- Operating temperature: -30...+70 °C
- SteelSkin sheath, terminated
- End sleeve for probe, angled (90°), threaded
- Optical fiber, core diameter 1.0 mm
- Optical fiber, total length: ± 914 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	PIAT43TMB5
ID	3070864
Optical data	
Function	Opposed mode sensor (emitter/receiver)
Fiber-optic type	Plastic
Mechanical data	
Design	Circular
Housing material	Plastic, PE, Black
Jacket material	STEELSKIN
Jacket material	metal, 1.4310 (AISI 301)
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