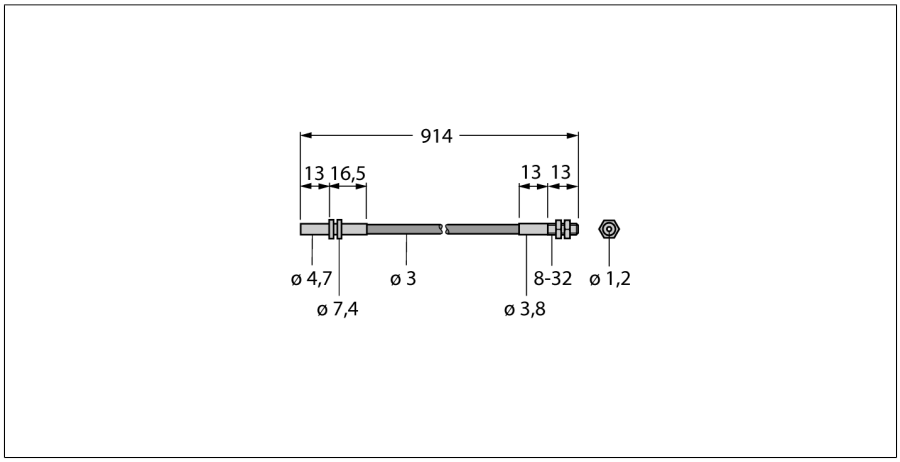
Glass Fiber
Single Conductor
IMT.753P



- Operating mode: Opposed mode sensor
- PVC sheath , black
- Operating temperature of fiber-optic jacket: -40 °C … +105 °C
- End sleeve for sensor: Brass, miniature, thread 8-32 UNC
- Operating temperature of fiber-optic tip: -140…+249 °C
- Optical fiber, bundle diameter: 1.2 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	IMT.753P
ID	3021073

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

Mechanical data	
Housing material	Plastic, PVC, Black
Jacket material	PVC over Stainless Steel Monocoil
Jacket material	plastic, PVC
Bundle diameter	1.2 mm
Material of the fiber-optic tip	Brass
Bending radius	Ø 25 mm
Ambient temperature	-40…+105 °C
Max. temperature tip	249 °C

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