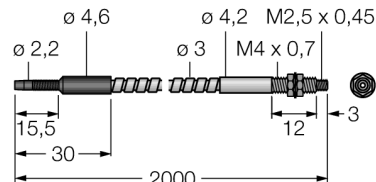


Glass Fiber Single Conductor IMT.756.6S-HT



- Operating mode: Opposed mode sensor
- Stainless steel jacket, flexible
- Operating temperature of fiber-optic jacket: -140...+249 °C
- End sleeve for probe: End sleeve for probe, miniature, M4 × 0.7 threaded, high temperature proof up to 315 °C
- Optical fiber, bundle diameter: 1.2 mm
- Optical fiber, total length: ± 2,012 mm
- Only for base devices of the D10 series

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.756.6S-HT
ID	3064398
Optical data	
Function	Opposed mode sensor (emitter/receiver)
Fiber-optic type	Glass
Mechanical data	
Design	Circular
Housing material	Stainless steel
Jacket material	Stainless-steel mono-winding coil
Jacket material	metal, 1.4310 (AISI 301)
Bundle diameter	1.2 mm
Material of the fiber-optic tip	Stainless Steel
Bending radius	Ø 25 mm
Ambient temperature	-140...+315 °C
Max. temperature tip	249 °C