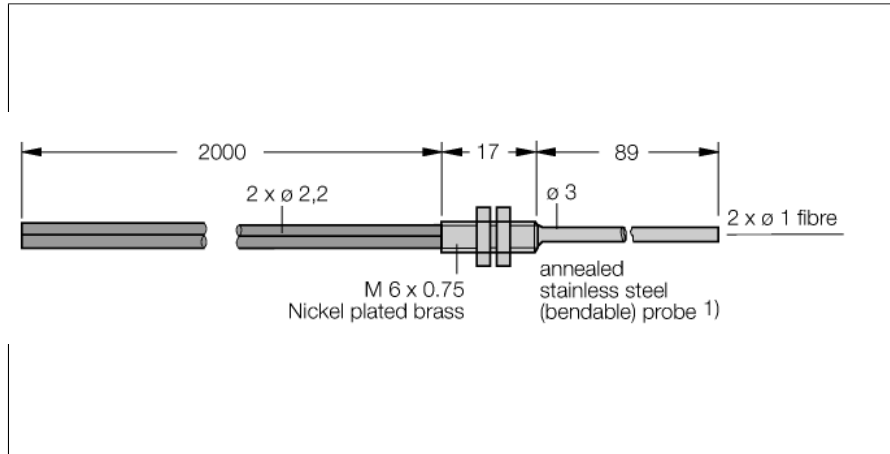


Plastic Fiber Bifurcated Fiber PBP46U



- Operation: diffuse/opposed mode
- Polyethylene sheath, flexible
- Operating temperature: -30...+70 °C
- Cable, straight, customizable
- End sleeve for sensor: Flexible tip

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	PBP46U
ID	3026084

Optical data	
Function	Diffuse mode sensor
Fiber-optic type	Plastic

Mechanical data	
Design	Circular
Housing material	Plastic, PE, Black
Jacket material	Polyethylene
Jacket material	plastic, PE
Material of the fiber-optic tip	Stainless Steel
Bending cycles	5000
Bending radius	Ø 25 mm
Ambient temperature	-30...+85 °C
Max. temperature tip	70 °C