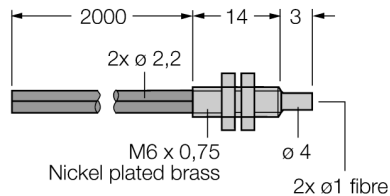


Plastic Fiber bifurcated fiber PBT46U



- Operation: diffuse/opposed mode
- Polyethylene sheath, flexible
- Operating temperature: -30...+70 °C
- Cable, straight, customizable
- End sleeve for probe, M6 × 0.75 threaded
- Optical fiber, core diameter 1.0 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.

| | |
|-------------------------|---------------------|
| Type designation | PBT46U |
| Ident no. | 3025967 |
| Function | Diffuse mode sensor |
| Ambient temperature | -30...+85 °C |
| Design | Circular |
| Dimensions | 1828 mm |
| Housing material | Plastic, PE, Black |