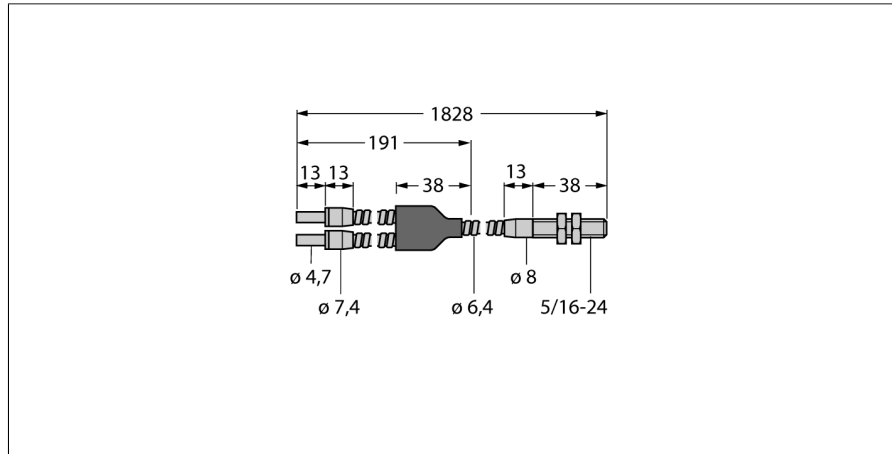


Glass Fiber Bifurcated Fiber BT26S



- Operating mode: Diffuse/Retroreflective
- Stainless steel jacket, flexible
- Operating temperature of fiber-optic jacket: -140...+249 °C
- End sleeve for sensor: Brass, thread 5/16"-24
- Operating temperature of fiber-optic tip: -140...+249 °C
- Optical fiber, bundle diameter: 3.2 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 | BT26S |
| ID | 3017285 |
| Optical data | |
| Function | Diffuse mode sensor |
| Fiber-optic type | Glass |
| Mechanical data | |
| Housing material | Stainless steel |
| Jacket material | Stainless-steel mono-winding coil |
| Jacket material | metal, 1.4310 (AISI 301) |
| Bundle diameter | 3.2 mm |
| Material of the fiber-optic tip | Brass |
| Bending radius | Ø 25 mm |
| Ambient temperature | -140...+249 °C |
| Max. temperature tip | 249 °C |