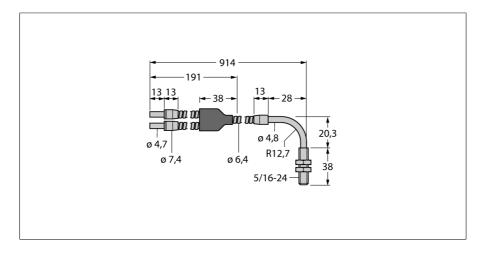


## Glass Fiber Bifurcated Fiber BAT23S



3017222  Diffuse mode sensor Glass
Diffuse mode sensor
Glass
Circular
Stainless steel
Stainless-steel mono-winding coil
metal, 1.4310 (AISI 301)
3.2 mm
Brass
Ø 25 mm
-140+249 °C
249 °C

- Operating mode: Diffuse/Retroreflective
- Stainless steel jacket, flexible
- Operating temperature of fiber-optic jacket: -140...+249 °C
- End sleeve for sensor: Brass, angled (90°), thread 5/16"-24
- Operating temperature of fiber-optic tip: -140...+249 °C
- Optical fiber, bundle diameter: 3.2 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.