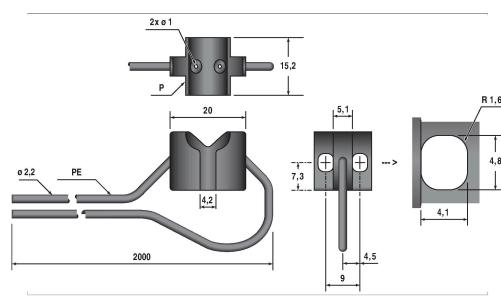


PDI46U-LLD Plastic Fiber – Bifurcated Fiber



Technical data

PDI46U-LLD
3061240
Diffuse mode sensor
Plastic
Rectangular
1828 mm
Plastic, PE, Black
Polyethylene
plastic, PE
1 mm
Polyethylene
1000
Ø 2 mm
-30+70 °C
70 °C
IP67
Filling level detection

Features

- Operation: diffuse/opposed mode
- Polyethylene sheath, flexible
- ■Operating temperature: -30...+70 °C
- R 1,6 Cable, straight, customizable
 - End sleeve for sensor: Plastic adaptor for mounting on small tubes with angled beam
 - 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.