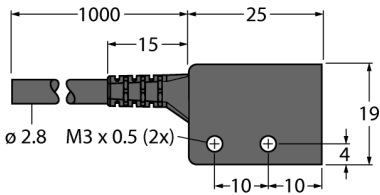


Plastic Fiber
Single Conductor — Jacketed Optical Cable Made of Plastic
Fiber
PIR1X323T-VL



- Operation: opposed mode
- 2 pcs. included in delivery
- Polyethylene sheath, flexible
- Operating temperature: -30...+70 °C
- Male end, pluggable
- End sleeve for probe, rectangular beam exit
- Strain relief
- Optical fiber, core diameter 0.265 mm × 32
- 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.

Type	PIR1X323T-VL
ID	3087529
Optical data	
Function	Opposed mode sensor (emitter/receiver)
Fiber-optic type	Plastic
Scan field	14.5 mm
Mechanical data	
Design	Rectangular
Housing material	Plastic, PE, Black
Jacket material	Polyethylene
Jacket material	plastic, PE
Material of the fiber-optic tip	Polyethylene
Bending cycles	1000
Bending radius	Ø 60 mm
Ambient temperature	-30...+70 °C
Max. temperature tip	70 °C