

## Datasheet



- Bifurcated 0.5 mm plastic fibers
- Convergent sensing head assembly positions the individual fibers to converge emitted light 3 mm in front of the assembly; choose straight- or side-exit housing.

## Models

Model	Range	Housing
P12-C1	3 mm (0.12 in)	Side exit
P22-C1		Straight exit

## Specifications

### Focal Distance

3 mm (0.12")  $\pm$ 0.5 mm (0.02")

### Minimum Detectable Object

0.2 mm (0.008")

### Operating Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

### Construction

ABS blend housing, acrylic lens, PMMA (acrylic) fiber core, fluoropolymer fiber cladding, polyethylene jacket

### Cable Length

Standard length 2 m (79")

Custom lengths available on request

Figure 1. Dimensions for Fiber P12-C1

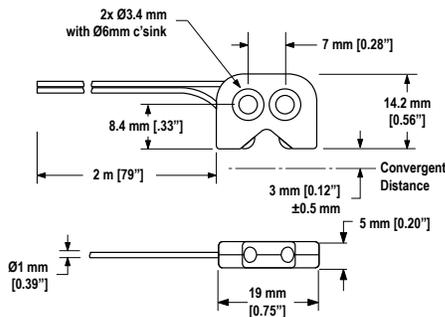
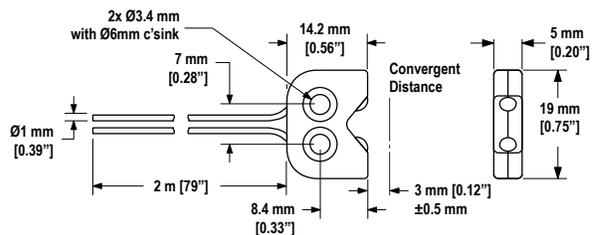


Figure 2. Dimensions for Fiber P22-C1



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