



## Model Number

**FE-BRL7M-3**

Glass fiber optic - diffuse

## Features

- Array sensing head
- Straight optics
- Flexible PVC sheathing

## Series

### Fiber optic amplifiers

Device series MP, MHP, Series 61

## Description

### Attention:

Fiber optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



## Technical data

### General specifications

Sensor range	MHP-FR: 46 mm MHP-F: 104 mm RL(K)61-LL: 205 mm MPG6HD: 230 mm
Fiber optic length	3 ft (.914 m)
End piece	Optical axis: Straight Type: Rectangular / array
Bending radius	min. 19 mm
Fiber bundle diameter	0.01" x 1.5" (0.254 x 38.099 mm)

### Ambient conditions

Ambient temperature	-40 ... 120 °C (-40 ... 248 °F)
---------------------	---------------------------------

### Mechanical specifications

Material	
Optical face	glass
Sheathing	PVC
Core	glass
End piece	aluminum
Adapter	Stainless steel, 4.7 mm diameter

## Installation note



If the sensor detects an object after installing the fiber optic, when no object is present (yellow led is on or blinking), reduce the sensitivity adjustment.

## Dimensions

