



Model Number

FE-BRL7S-3

Glass fiber optic - diffuse

Features

- Array sensing head
- Straight optics
- Durable stainless steel 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. 25 mm
Fiber bundle diameter	0.01" x 1.5" (0.254 x 38.099 mm)

Ambient conditions

Ambient temperature	-40 ... 232 °C (-40 ... 449.6 °F)
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Mechanical specifications

Material	
Optical face	glass
Sheathing	Stainless steel 1.4305 / AISI 303
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

