

## Technical data

### General specifications

MHP-FR: 45 mm Sensor range MHP-F: 90 mm RL(K)61-LL: 160 mm MPG6HD: 180 mm Fiber optic length 3 ft (.914 m)

Optical axis: Straight End piece Type: Cylindrical / threaded barrel Thread size: 5/16 - 24 UNF

Bending radius min. 19 mm Fiber bundle diameter 3.2 mm

#### **Ambient conditions**

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

#### **Mechanical specifications**

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Material	
Optical face	glass
Sheathing	PVC
Core	glass
End piece	Stainless steel 1.4305 / AISI 303
Adapter	Stainless steel, 4.7 mm diameter
General information	
Scope of delivery	2 hav nuts included

## 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.

# **Model Number**

#### FE-BTS6M-3

Glass fiber optic - diffuse

# **Features**

- Cylindrical sensing head
- Straight optics
- 5/16 24 UNF thread
- 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.









# **Dimensions**

