

Technical data

General specifications

 Sensor range
 MHP-FR: 45 mm MHP-F: 90 mm RL(K)61-LL: 160 mm MPG6HD: 180 mm

 Fiber optic length
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 3 ft (.914 m)

End piece Optical axis: Straight
Type: Cylindrical / threaded barrel

Thread size: 5/16 - 24 UNF
Bending radius min. 25 mm
Fiber bundle diameter 3.2 mm

Ambient conditions

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

Mechanical specifications

Material
Optical face glass
Sheathing Stainless steel 1.4305 / AISI 303
Core glass
End piece Stainless steel 1.4305 / AISI 303
Adapter Stainless steel, 4.7 mm diameter

General information

2 hex nuts included

Scope of delivery Installation note

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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-BTS6S-3

Glass fiber optic - diffuse

Features

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









Dimensions

