

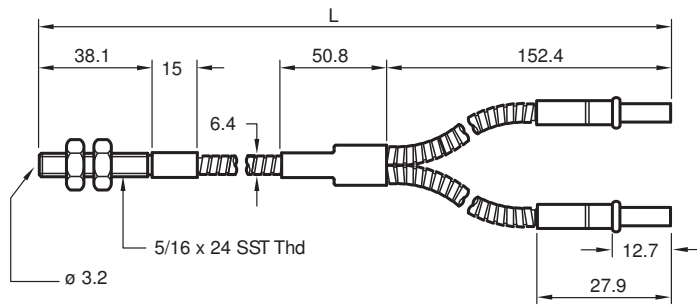


Glass fiber optic FE-BTS6S-3

- Cylindrical sensing head
- Straight optics
- 5/16 - 24 UNF thread
- Durable stainless steel sheathing

Glass fiber optic - diffuse

Dimensions



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	l 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)
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Mechanical specifications

Material	
Optical face	glass
Sheathing	Stainless steel 1.4305 / AISI 303
Core	glass
End piece	Stainless steel 1.4305 / AISI 303

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Adapter	Stainless steel, 4.7 mm diameter
General information	
Scope of delivery	2 hex nuts included
Fiber optic amplifiers	
Device series	MP, MHP, Series 61

Installation

Note: If after installing the device the yellow signal indicator lights up or flashes, the sensor detects a nonexisting object. Reduce the sensitivity of the sensor.

Application

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.



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