

PBPS46UM6

▶ ANGLE FIBER OPTICS



Plastic Fiber; Diffuse Reflective
Core Dia.: 1 mm; Fiber Length 2 m
Probe Length 153 mm; Sideview
Free cut
Part Number: 94696

COMPATIBLE AMPLIFIERS

Where applicable, maximum range for opposed mode fibers is also dependent on fiber length.



DF-G1 Series General Purpose Fiber Optic Amplifier

Fiber amplifier with IO-Link capability ideal for general purpose and error proofing. Has simple set-up and configuration. Output: NPN or PNP.



DF-G2 Series High Speed Fiber Optic Amplifier

Fiber amplifier with IO-Link capability for high speed (10 μ s) for applications like part counting or registration mark detection. Output: NPN or PNP.



DF-G3 Series Long Range Fiber Optic Amplifier

Fiber amplifier with IO-Link capability for detection up to 6 m, precise positioning, and water detection. Output: analog, discrete, dual discrete.

SPECIFICATIONS

Housing Style

Round

Quantity Included	1
Fiber Optic Type	Plastic
Sensing Mode (General)	Diffuse
Sensing Mode (Detailed)	Reflective
Beam Exit	Right Angle
Sensing End Material (Specific)	Stainless Steel
Fiber Sheathing Material (Jacket)	Polyethylene
Fiber Sensing End Tip	Sideview
Fiber Length (m)	2
Fiber Sensing End Size	3.0 mm
Sensing End Segment 1	Probe
Sensing End Segment 2	Sideview
Retractable	No
Flex Relief	No
Core Diameter (mm)	1
Minimum Bend Radius (mm)	25
Termination	Free Cut
Max Temp (°C)	85
Minimum Repeat Bending Endurance	5000
Integrated Lens	No
Application: Liquid Level	No
Application: Vacuum Feed Through	None
Termination Type	Plastic Fiber Sensors
Max Distance: DF-G3 (mm)	No Data
Fiber Sensing End Size - Mounting Area	5.1 mm
Measured Max Distance (mm)	No Data
Max Distance: DF-G2 (mm)	No Data
Tariff Fiber Meters (fbm)	4
Max Distance: DF-G1 (mm)	No Data

COMPATIBLE PRODUCTS

MISCELLANEOUS



PFC-4

PFC-4 Fiber Cutter for Unterminated Plastic Fiber Cables



PFK-B

Plastic Fiber Kit
Contains qty. 2 p/n 13443 Sensor Adapters 40 mil and
qty. 2 p/n 116232 Sensor Adapters 20 mil



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