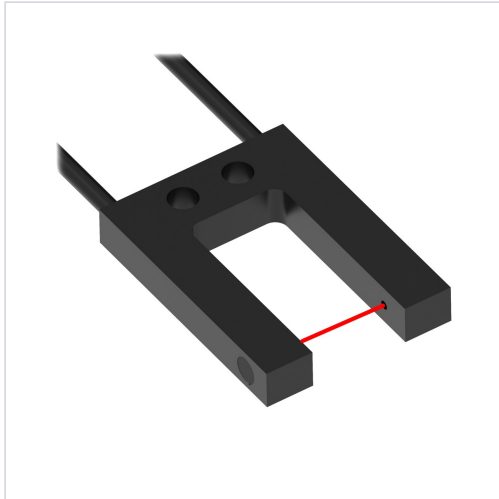


SNAP SIGNAL LOWERS YOUR BARRIER TO ENTRY FOR IIOT. ×

PDIS415UM12

► ARRAY & SLOT FIBER OPTICS



Plastic Fiber, Opposed Mode

Core Dia.: 1 mm; Fiber Length 5 m

Slot

Free cut

Part Number: 56104

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.

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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	Slot
Quantity Included	1
Fiber Optic Type	Plastic
Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Slot
Beam Exit	Right Angle
Sensing End Material (Specific)	Polyethylene
Fiber Sheathing Material (Jacket)	Polyethylene
Fiber Sensing End Tip	Slot
Fiber Length (m)	4.572
Fiber Sensing End Size	23.9 x 32.0 mm
Sensing End Segment 1	Slot
Retractable	No
Flex Relief	No
Core Diameter (mm)	1
Minimum Bend Radius (mm)	2
Termination	Free Cut
Max Temp (°C)	70

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Minimum Repeat Bending Endurance	1000
Integrated Lens	No
Feature: Chemical Resistant	No
Feature: Extended Range	No
Feature: Small Object Detection	No
Application: Liquid Level	No
Application: Vacuum Feed Through	None
Termination Type	Plastic Fiber Sensors
Measured Max Distance (mm)	No Data
Fiber Sensing End Size - Mounting Area	23.9 x 32.0 mm
Max Distance: DF-G3 (mm)	No Data
Max Distance: DF-G2 (mm)	No Data
Max Distance: DF-G1 (mm)	No Data
Tariff Fiber Meters (fbm)	10

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COMPATIBLE PRODUCTS

	PFK-B Plastic Fiber Kit Contains qty. 2 p/n 13443 Sensor Adaptors 40 mil and qty. 2 p/n 116232 Sensor Adaptors 20 mil
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