




FS-T22P

Fiber Amplifier, Cable Type, PNP

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

 This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Recommended Replaceable Products: [Digital Fiber Optic Sensors - FS-N series](#)

Specifications

Model		FS-T22P
Type		Auto
Product name		—
Cable length		
Allowable bending radius		
Light source		Red LED
Sensitivity adjustment		Button
Detecting distance (standard detection object)		—
Spot diameter		
Minimum detectable object		
Response time		500 μs
Hysteresis		—
Operation mode		LIGHT-ON/DARK-ON (switch-selectable)
Indicator lamp		Output: red LED, calibration: yellow LED, received light intensity and sensitivity allowance: green LED*1
Timer function		ON-delay: 40 ms/OFF-delay: 40 ms/Timer OFF (switch-selectable)
External tuning input signal		Input time: 40 ms or more
Output		PNP output
Control output		PNP open-collector 100 mA max. (30 V max.), Residual voltage 1 V max.
Stability output		PNP open-collector 50 mA max. (30 V max.), Residual voltage 1 V max.
Protection circuit		Reversed polarity protection, Overcurrent protection, Surge absorber
Laser emission stop input		—
Rating	Power voltage	12 to 24 VDC ±10 %, Ripple (P-P) 10 % or less
	Current consumption	50 mA
Environmental resistance	Ambient light	Incandescent lamp: 10,000 lux max., Sunlight: 20,000 lux max.
	Ambient temperature	-10 to +55 °C 14 to 131 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions
	Shock resistance	500 m/s², 3 times in each of the X, Y, and Z directions

Material	Polycarbonate
Weight	Approx. 75 g

*1 This indicates stable operation and that sensitivity settings cannot be made.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

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