



FS-17

Fibre Amplifier NPN

[Discontinued model]

This model has been discontinued.

Recommended Replaceable Products

- Digital Fibre Optic Sensors
FS-N series

To contact us:

1-800-103-0090

SPECIFICATIONS

Model	FS-17	
Product name	—	
Cable length		
Allowable bending radius		
Light source	Red LED	
Sensitivity adjustment	7-turn trimmer	
Detecting distance (standard detection object)	—	
Spot diameter		
Minimum detectable object		
Response time	Approx 0.5 ms	
Hysteresis	—	
Operation mode	Light-ON and Dark-ON dual output	
Indicator lamp	Operation when lit: red LED	
Timer function	—	
External tuning input signal		
Output	NPN output	
Control output	NPN open-collector 100 mA max. (40 V max.), Residual voltage 1 V max.	
Stability output	—	
Protection circuit		
Laser emission stop input		
Rating	Power voltage	12 to 24 VDC $\pm 10\%$, Ripple (P-P) 10 % or less
	Current consumption	35 mA or less
Environmental resistance	Ambient light	Incandescent lamp: 10,000 lux max., Sunlight: 20,000 lux max.
	Ambient temperature	-10 to +55 °C (No freezing)
	Relative humidity	35 to 85 % RH
Material	Polycarbonate	