

# SM312F

## ▶ MINI-BEAM FIBER OPTIC AMPLIFIER



MINI-BEAM: Infrared 880 nm Glass Fiber Optic

Range: depends on fiber; Input: 10-30V dc

Output: Bipolar: 1 NPN; 1 PNP

2 m (6.5 ft) cable

Part Number: 25620

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### CERTIFICATIONS



### SPECIFICATIONS

<b>Housing Material</b>	Thermoplastic
<b>Housing Style</b>	Rectangular with M18 Barrel
<b>Housing Style</b>	Rectangular w/M18 Mount
<b>Primary Housing Material</b>	Thermoplastic

<b>Fiber Type</b>	Glass Only
<b>Connection</b>	2 m Cable
<b>Quick Disconnect Type</b>	No QD
<b>Output</b>	Bipolar (NPN & PNP)
<b>Output Type (Specific)</b>	Single Discrete
<b>Repeatability (<math>\mu</math>s)</b>	300
<b>Number of Pins</b>	4
<b>IP Rating</b>	IP67
<b>NEMA Rating</b>	NEMA 1, 2, 3, 3S, 4, 4X, 6, 12
<b>Max Op. Temperature (<math>^{\circ}</math>C)</b>	70
<b>Min Op. Temperature (<math>^{\circ}</math>C)</b>	-20
<b>Max Op. Relative Humidity (%)</b>	90% @ 50 $^{\circ}$ C
<b>Special Feature: Remote Teach</b>	No
<b>Intrinsically Safe</b>	No
<b>Adjustments</b>	Potentiometer
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Delay at Power-up (ms)</b>	100
<b>Indicator Display Type</b>	Indicator LEDs
<b>Minimum response time (ms)</b>	1
<b>Special Feature: Bussable Power</b>	No
<b>Feature: Washdown Rated</b>	Yes

<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	No
<b>Input/Output</b>	Discrete



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