



SM312FMHSQD

▶ MINI-BEAM FIBER OPTIC AMPLIFIER



MINI-BEAM: Infrared High Speed Glass Fiber Optic

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

Output: Bipolar: 1 NPN; 1 PNP

MHS Response Time =0.3 millisecond; QD

Connector

Part Number: 27000

CERTIFICATIONS



SPECIFICATIONS

Housing Material	Thermoplastic
Housing Style	Rectangular with M18 Barrel
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Color LED - Amplifiers	Infrared
Fiber Type	Glass Only
Connection	Integral QD
Quick Disconnect Type	M12 (Euro)
Output	Bipolar (NPN & PNP)
Output Type (Specific)	Single Discrete

Repeatability (μs)	300
Number of Pins	4
IP Rating	IP67
NEMA Rating	NEMA 1, 2, 3, 3S, 4, 4X, 6, 12
Max Op. Temperature ($^{\circ}$C)	70
Min Op. Temperature ($^{\circ}$C)	-20
Max Op. Relative Humidity (%)	90% @ 50 $^{\circ}$ C
Special Feature: Remote Teach	No
Intrinsically Safe	No
Adjustments	Potentiometer
Power Supply/Supply Voltage	10-30 V dc
Delay at Power-up (ms)	100
Indicator Display Type	Indicator LEDs
Minimum response time (ms)	.3
Special Feature: Bussable Power	No
Feature: Washdown Rated	Yes
Feature: Timing (Hold/Delay)	No
Feature: Hazardous Area	No
Feature: Audible	No
Input/Output	Discrete



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