



SM312C2QD

▶ MINI-BEAM SERIES INDUSTRY STANDARD SENSOR



MINI-BEAM: Infrared 880 nm Convergent

Focal Point: 43 mm; Input: 10-30 V dc

Output: Bipolar: 1 NPN; 1 PNP

Euro M12 4-pin Integral QD

Part Number: 27444

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Convergent
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	43
Outputs	Bipolar (NPN & PNP)
Power Supply/Supply Voltage	10-30 V dc
Connection	Integral QD
Quick Disconnect Type	M12 (Euro)

Sensing Beam	Infrared LED
Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	1
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	100
Repeatability (µs)	300
Number of Pins	4
NEMA Rating	NEMA 1, 2, 3, 3S, 4, 4X, 6, 12
Max Op. Relative Humidity [%]	90% @ 50°C
Lens Material	Acrylic
Adjustments	Potentiometer
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	Yes
Feature: Hazardous Area	No
Feature: Audible	No



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