SNAP SIGNAL LOWERS YOUR BARRIER TO ENTRY FOR IIOT.

SM31RL

MINI-BEAM SERIES INDUSTRY STANDARD SENSOR



MINI-BEAM: Receiver

Range: 30 m; Input: 10-30 V dc

Output: Bipolar: 1 NPN; 1 PNP

2 m (6.5 ft) cable

Part Number: 25725

CERTIFICATIONS

SPECIFICATIONS

Cable Length (m)	2
Sensing Beam	Infrared LED
Power	DC
Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Receiver
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic

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Input/Output	Discrete
Max Sensing Distance (mm)	30000
Outputs	Bipolar (NPN & PNP)
Power Supply/Supply Voltage	10-30 V dc
Connection	Cable
Quick Disconnect Type	No QD
Operation	Light/Dark Operate
Min Op. Temp. (°C)	-20
Max Op. Temp. (°C)	70
Output response time (ms)	1
Sing cookies, we give you the best experience	Yes
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
Delay at Power-up (ms)	100
Repeatability (µs)	140
Number of Pins	4
NEMA Rating	NEMA 1, 2, 3, 3S, 4, 4X, 6, 12
IP Rating	IP67
Max Op. Relative Humidity [%]	90% @ 50°C
Lens Material	Acrylic
Adjustments	Potentiometer
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	Receiver
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	Yes
Feature: Hazardous Area	No

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Feature: Audible	No
Feature: Chemical Resistant	No
Feature: Quick Disconnect	No
DeviceNet	No
IO Link	No

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