

General Specifications

Power Supply:	
Supply Voltage:	+12 to 24 VDC
Transmitter Current:	30 mA maximum (For Transmitter only)
Temperature:	
Operating Temperature:	0°C to 60°C (32°F to 140°F), @ 100% relative humidity
Storage Temperature:	-10°C to 80°C (14°F to 176°F)
Sensing Range:	See model range table in operation figure
Dimensions:	
Threads:	1 1/4 x 18 unef
Length:	73.00 mm (2.875 in.)
Cable:	2.5 Meters (10 ft.) Standard
Materials:	
Housing:	Stainless Steel
Transducer face:	RTV
Cable:	Non-toxic PVC jacket
Environmental Ratings:	NEMA 4x, IP67

MICROSONIC®

Hyde Park
Sensors for the Real World

SM139

Thru-beam Transmitter Cable Style

OPERATOR INSTRUCTIONS

This Hyde Park ultrasonic, thru-beam transmitter, when paired with a compatible receiver is capable of sensing nearly any object, even transparent materials such as glass, plastic, and clear film.

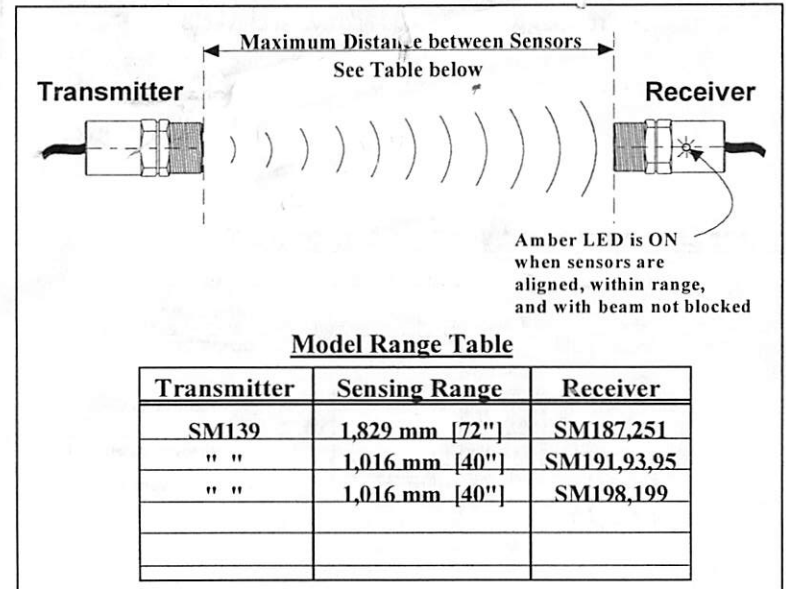


Figure 1.

LIMITATIONS AND EXCLUSION OF WARRANTIES

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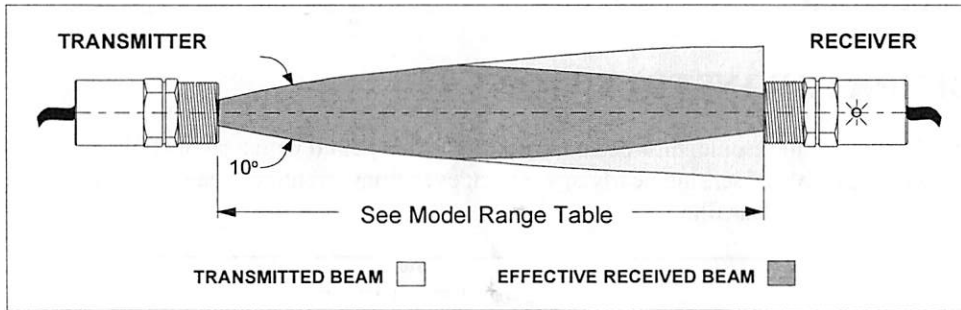
1875 Founders Drive
Dayton, Ohio 45420-4017
Phone (937) 252-2121 Fax (937) 258-5830
Email: help@sesensors.com
Web Site: http://www.sesensors.com

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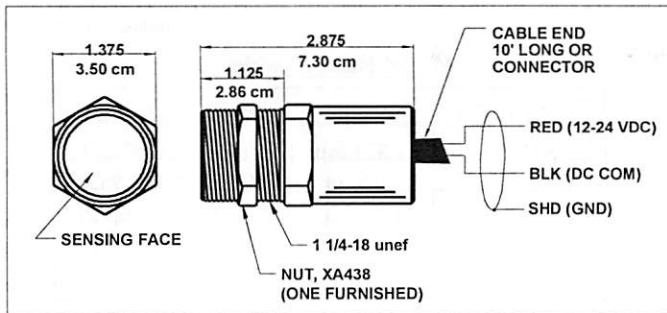
Literature and application engineering assistance is provided by Hyde Park and its authorized distributors to aid the customer in selecting the product for an application. The customer, however, is responsible for determining the suitability of the product in the application.

Mounting / Alignment

Mount the sensor so that both transmitter and receiver are aligned opposite each other. The receiver's LED must be on when no object is blocking the sonic energy from the transmitter.



Transmitter Dimensions, Wiring connections

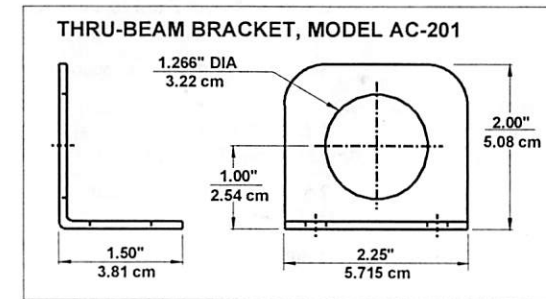


Accessories

Model AC201

Thru-Beam Bracket

Mounting Bracket Dimensions



Other models available for either thru-beam or break-beam sensing considerations.

MICROSONIC® continuous-wave/thru-beam sensors
Model SM100 series (including the model in these instructions)
Model SM100 CE-certified series
Model SM800 CE-certified, 18 mm barrel or flat-profile

SUPERPROX® pulse-echo/reflective break-beam sensors
Model SM500 CE-certified, proximity with no delay (background mode)
Model SM503 CE-certified, proximity with delay (background mode)

See catalog for specifications or contact your Distributor or Hyde Park.