

HISIC450-R250

HISIC

PHOTOELECTRIC SENSORS

SICK
Sensor Intelligence.



Illustration may differ

Ordering information

Type	part no.
HISIC450-R250	1041347

Other models and accessories → www.sick.com/HISIC

Detailed technical data

Features

Functional principle	Through-beam photoelectric sensor
Sensing range max.	≤ 100 m ¹⁾
Special applications	Overheight
Items supplied	2 x sender, 2 x receiver, 4 x ball joint bracket, material stainless steel 1.4581, 4 x weather hood, material stainless steel 1.4571, powder-coated

¹⁾ For outdoor measurement.

Electronics

Supply voltage U_e	20 V AC/DC ... 250 V AC/DC ¹⁾
Digital output	
Number	1
Type	Relay contact
Output current I _{max.}	750 mA
Power consumption	120 W
Circuit protection outputs	Electrically isolated
Response time	≤ 10 ms
Power consumption	≤ 6 W

¹⁾ Tolerance of ± 10 %.

Mechanics

Dimensions (W x H x D)	60 mm x 126 mm x 105 mm
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Ambient data

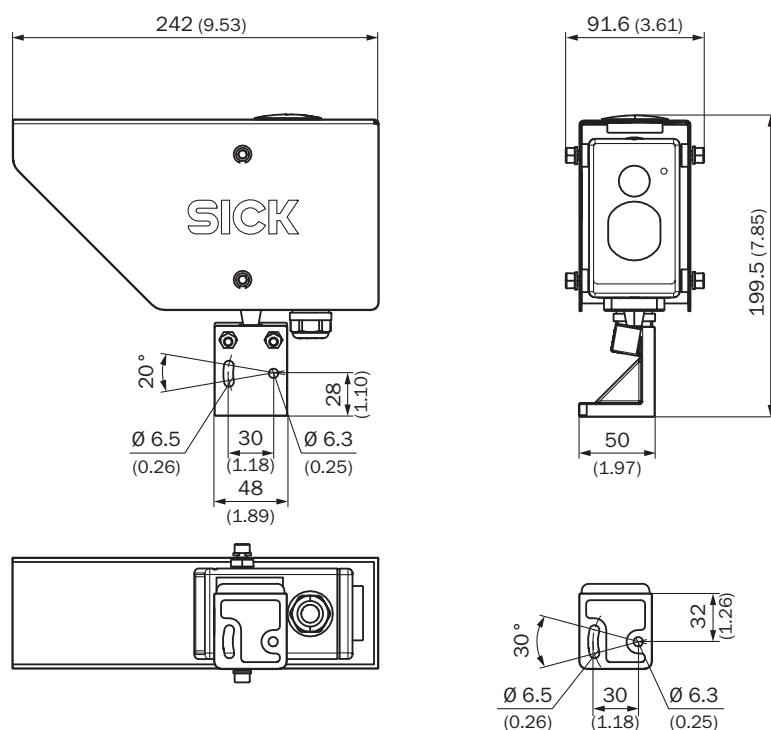
Enclosure rating	IP67
Ambient operating temperature	-25 °C ... +55 °C

Classifications

ECLASS 5.0	27270902
ECLASS 5.1.4	27270902
ECLASS 6.0	27270902
ECLASS 6.2	27270902
ECLASS 7.0	27270902

ECLASS 8.0	27270902
ECLASS 8.1	27270902
ECLASS 9.0	27270902
ECLASS 10.0	27270902
ECLASS 11.0	27270902
ETIM 5.0	EC002717
ETIM 6.0	EC002717
ETIM 7.0	EC002717
ETIM 8.0	EC002717
UNSPSC 16.0901	46171620

HISIC450 sender/receiver unit



Dimensions in mm (inch)

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com