HISIC450-P250

HISIC

PHOTOELECTRIC SENSORS

SICK
Sensor Intelligence.
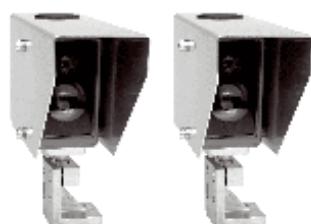
Ordering information

Type	part no.
HISIC450-P250	1041348

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

Illustration may differ

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_B		10 V DC ... 60 V DC [1]
Current consumption		≤ 250 mA
Digital output		
	Number	1
	Type	PNP
	Output current $I_{max.}$	200 mA
	Circuit protection outputs	Short-circuit protected
		Reverse polarity protected
	Response time	≤ 500 µs

[1] Tolerance of ± 10 %.

Mechanics

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

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
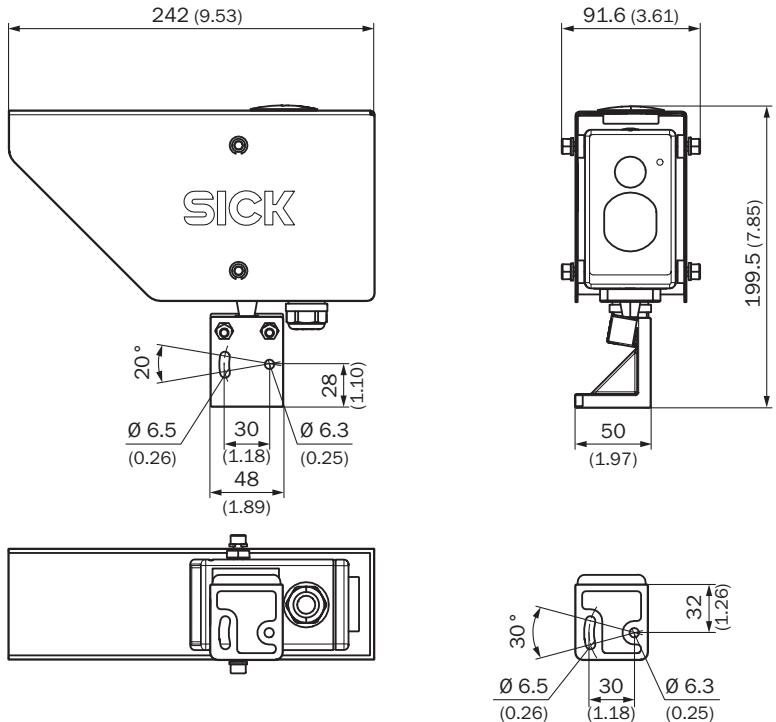
Dimensions in mm (inch)

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**

SICK AG | Waldkirch | Germany | www.sick.com

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