

SI130-N12

PRODUCT PORTFOLIO

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

Type	Part no.
SI130-N12	6011087

Other models and accessories → www.sick.com/

Detailed technical data

Features

Dimensions (W x H x D)	13 mm x 69 mm
Housing design (light emission)	Rectangular
Light source	LED

Mechanics/electronics

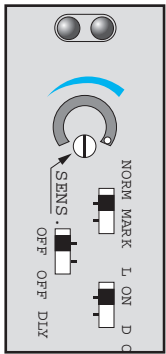
Supply voltage	10 V DC ... 30 V DC
Ripple	≤ 10 %
Power consumption	≤ 35 mA ¹⁾
Switching output	NPN
Switching mode	Light/dark switching
Response time	≤ 0.5 ms ²⁾
Connection type	Cable, 2 m ³⁾
Cable material	PVC
Conductor cross-section	0.2 mm ²
Housing material	Plastic, ABS
Optics material	Plastic, PMMA
Enclosure rating	IP50
Ambient operating temperature	-25 °C ... +55 °C
Ambient storage temperature	-40 °C ... +70 °C

¹⁾ Without load.

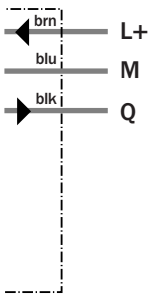
²⁾ Signal transit time with resistive load.

³⁾ Do not bend below 0 °C.

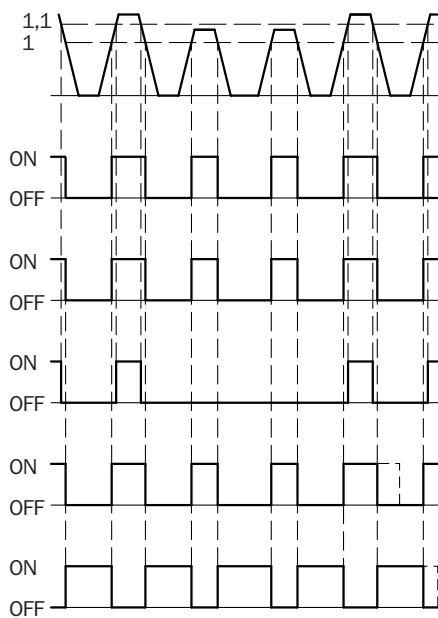
Adjustments possible



Connection diagram



Functional principle



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