



ACIM1-P2221S02

PHOTOELECTRIC SENSORS

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

Type	part no.
ACIM1-P2221S02	1079343

Other models and accessories → www.sick.com/

Detailed technical data

Mechanics/electronics

Supply voltage	85 V AC ... 250 V AC
Mains frequency	50 Hz, 60 Hz
Output current I_{max}	≤ 200 mA
Input	PNP
Connection type	Cable with female connector, M12, 4-pin, 0.2 m
Circuit protection	C ¹⁾ D ²⁾
Enclosure rating	IP65
Items supplied	Mating connector supplied separately
Input current I_i max.	≤ 100 mA
Ambient operating temperature	-30 °C ... +60 °C
Ambient temperature, storage	-40 °C ... +75 °C

¹⁾ C = interference suppression.

²⁾ D = outputs overcurrent and short-circuit protected.

Certificates

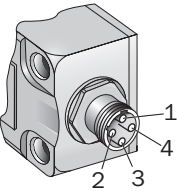
EU declaration of conformity	✓
China RoHS	✓

Classifications

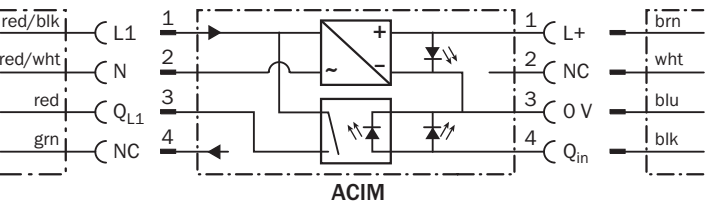
ECLASS 5.0	27270790
ECLASS 5.1.4	27270790
ECLASS 6.0	27270790
ECLASS 6.2	27270790
ECLASS 7.0	27270790
ECLASS 8.0	27270790
ECLASS 8.1	27270790
ECLASS 9.0	27270790
ECLASS 10.0	27270790
ECLASS 11.0	27270790
ETIM 5.0	EC001852

ETIM 6.0	EC001852
ETIM 7.0	EC001852
ETIM 8.0	EC001852

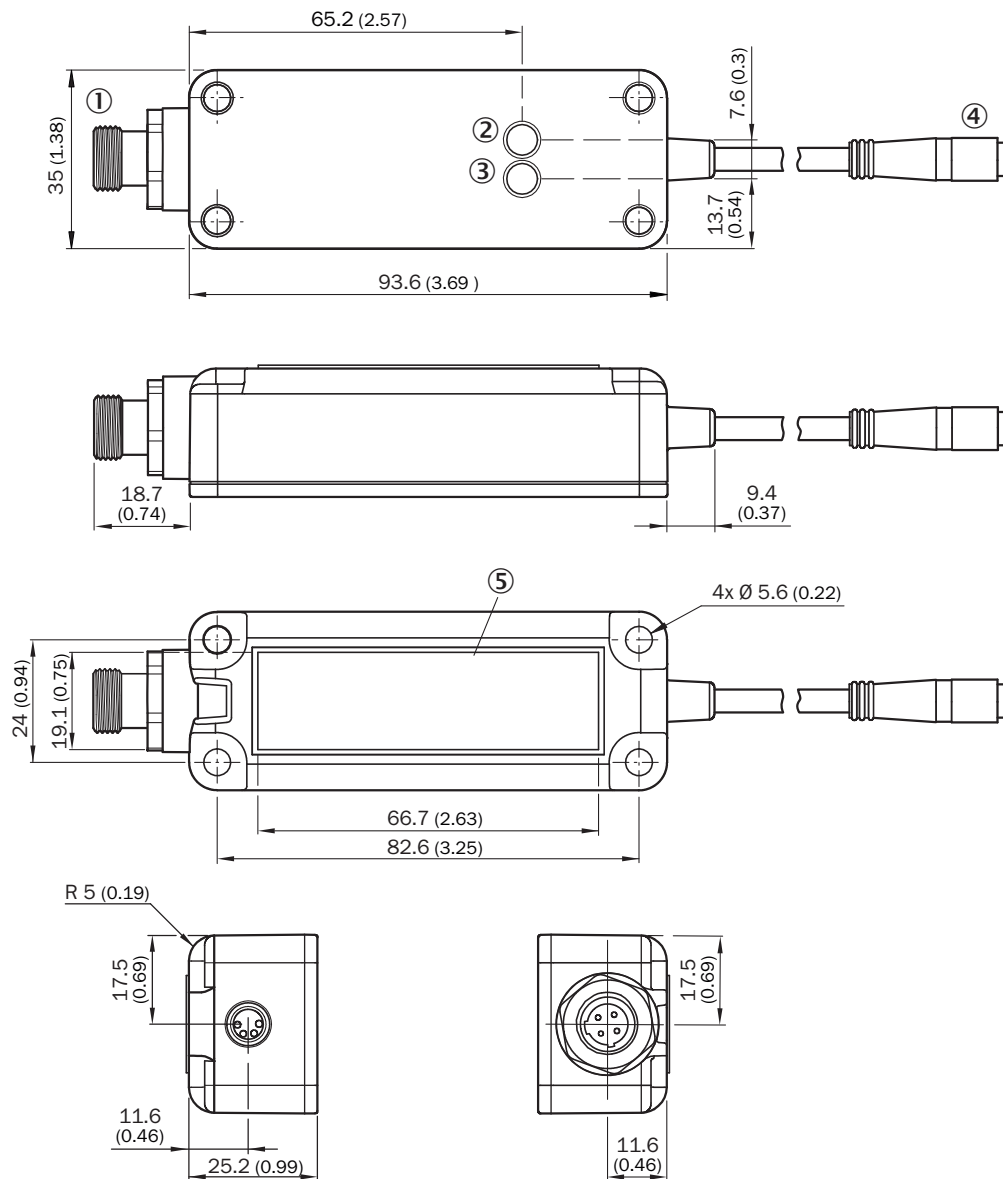
Connection type



Connection diagram



Dimensional drawing



Dimensions in mm (inch)

- ① AC input power, switch output
- ② green LED indicator: DC output voltage
- ③ Orange LED indicator : DC switch input present
- ④ DC output power, switch input
- ⑤ Magnet

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