



ICL110-F142

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
ICL110-F142	1027286

Other models and accessories → www.sick.com/

Detailed technical data

Technical specifications

Accessory group	Illuminations
Accessory family	LED
Description	Ring lighting, bright field, white lighting color, lighting distance 100 mm ... 350 mm
Ambient operating temperature	0 °C ... +50 °C
Ambient storage temperature	-25 °C ... +70 °C ¹⁾
Light source	LED, white
Illuminated field	110 mm ² x 110 mm ² ²⁾
Life time of LED	> 50,000 h
Working distance	100 mm ... 350 mm
LED class	Risk group 1 (low risk, IEC62471 : 2006)
Trigger input signal	TTL, max 28,8 V, LOW = lighting on
Supply voltage	24 V DC, ± 20 %
Current consumption	≤ 250 mA
Connections	M12 male connector, 8-pin, L = 0.8 m
Enclosure rating	IP65
Weight	Approx. 580 g

¹⁾ Relative humidity: 93 %.

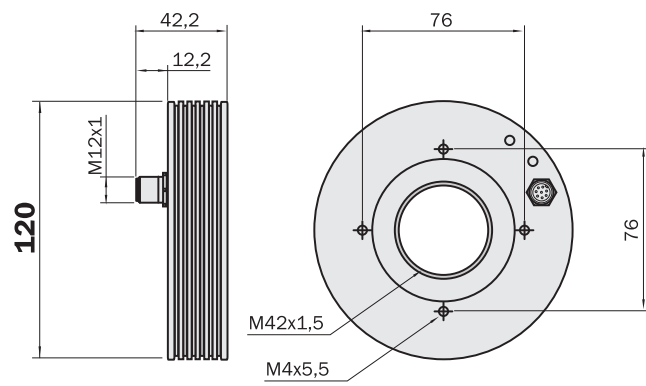
²⁾ At 250 mm.

Classifications

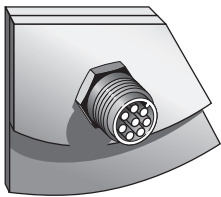
ECl@ss 5.0	27110635
ECl@ss 5.1.4	27110635
ECl@ss 6.0	27110635
ECl@ss 6.2	27110635
ECl@ss 7.0	27110635
ECl@ss 8.0	27110635
ECl@ss 8.1	27110635
ECl@ss 9.0	27110635
ETIM 5.0	EC000996

ETIM 6.0	EC000996
UNSPSC 16.0901	39101628

Dimensional drawing (Dimensions in mm (inch))



Connection type



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