



# FLX0-GETC100

Flexi Gateway

**SAFETY CONTROLLERS**

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
FLX0-GETC100	1085357

Other models and accessories → [www.sick.com/Flexi\\_Gateway](http://www.sick.com/Flexi_Gateway)



### Detailed technical data

#### Features

<b>Module</b>	Gateway
<b>Description</b>	The gateway module enables a safety controller to send data to a network for control and diagnostic purposes, and to receive data from the network.
<b>Security Level</b>	SL-C 1 (IEC 62443-4-2)
<b>Fieldbus</b>	EtherCAT®
<b>Configuration method</b>	Via software (Safety Designer)
<b>Items supplied</b>	Gateway Operating instructions for download

#### Functions

<b>Integration into an EtherCAT® network</b>	✓
--	---

#### Interfaces

<b>Configuration and diagnostics</b>	
Configuration via TFT display	✓
<b>Fieldbus</b>	EtherCAT®
<b>Fieldbus interface</b>	2 x female connector, RJ45
<b>Note</b>	An EtherCAT® master (e.g., higher-level controller or computer) and/or another EtherCAT® slave device can be connected at the RJ45 female connector.
<b>Display elements</b>	TFT display

#### Electronics

<b>Protection class</b>	III (EN 61140)
<b>Interference resistance</b>	EN 61000-6-2
<b>Interference emission</b>	EN 61000-6-4
<b>Voltage supply</b>	The voltage supply of the extension modules is maintained via the backplane bus
<b>Power loss</b>	≤ 3.3 W

<b>Current consumption at nominal voltage</b>	135 mA
---	--------

## Mechanics

<b>Dimensions (W x H x D)</b>	18 mm x 124.7 mm x 85.5 mm
<b>Contamination rating</b>	2 (IEC 61010-1)
<b>Control device type</b>	Open device (IEC 61010-2-201)
<b>Weight</b>	108 g (± 5 %)
<b>Mounting</b>	Mounting on a 35 mm × 7.5 mm mounting rail in accordance with IEC 60715

## Ambient data

<b>Enclosure rating</b>	IP20 (EN 60529)
<b>Ambient operating temperature</b>	–25 °C ... +55 °C <sup>1)</sup>
<b>Storage temperature</b>	–25 °C ... +70 °C
<b>Air humidity</b>	≤ 95 %, Non-condensing
<b>Vibration resistance</b>	1 g, 5 Hz ... 200 Hz (EN 60068-2-6)
<b>Shock resistance</b>	15 g, 11 ms (EN 60068-2-27)

<sup>1)</sup> At altitudes up to 2,000 m above sea level For higher areas of application up to max. 4,000 m above sea level, see the operating instructions.

## Certificates

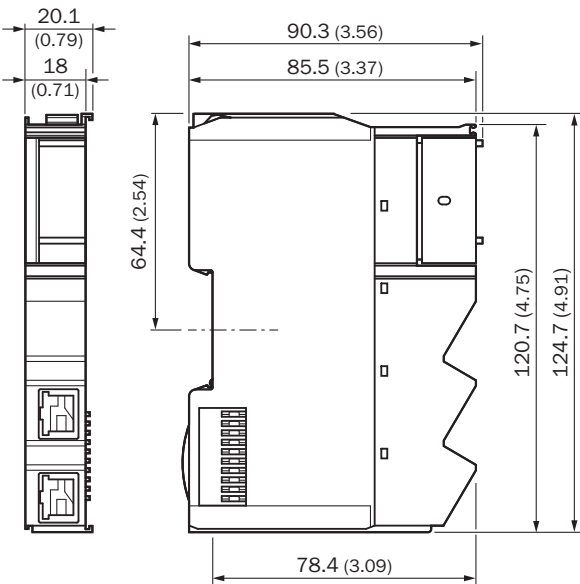
<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>China RoHS</b>	✓
<b>cULus certificate</b>	✓
<b>S Mark certificate</b>	✓
<b>Information according to Art. 3 of Data Act (Regulation EU 2023/2854)</b>	✓
<b>Cybersecurity certificate</b>	✓

## Classifications

<b>ECLASS 5.0</b>	27243001
<b>ECLASS 5.1.4</b>	27243101
<b>ECLASS 6.0</b>	27243101
<b>ECLASS 6.2</b>	27243101
<b>ECLASS 7.0</b>	27243101
<b>ECLASS 8.0</b>	27243101
<b>ECLASS 8.1</b>	27243101
<b>ECLASS 9.0</b>	27243101
<b>ECLASS 10.0</b>	27243101
<b>ECLASS 11.0</b>	27243101
<b>ECLASS 12.0</b>	27243101
<b>ETIM 5.0</b>	EC001449
<b>ETIM 6.0</b>	EC001449
<b>ETIM 7.0</b>	EC001449

ETIM 8.0	EC001449
UNSPSC 16.0901	32151705

Dimensional drawing



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](http://www.sick.com)