

SICK.COM



DATA SHEET

FX0-GPNT00010

Flexi Soft
Safety controllers

SICK

Sensor Intelligence



SAFETY CONTROLLERS

FX0-GPNT00010

ORDERING INFORMATION

Type	part no.
FX0-GPNT00010	1121597

Further device versions and accessories at www.sick.com/Flexi_Soft



DETAILED TECHNICAL DATA

FEATURES

Module	Gateway
Fieldbus, industrial network	PROFINET, TCP/IP sockets
Specialty	Protective coating for more challenging ambient conditions (e.g., resistance to sulfur).
Configuration method	Via software (Flexi Soft Designer, Safe EFI-pro System: Safety Designer)
Security Support Period	
End date of the support period	2034-12
Valid for products with a serial number from	26440000

INTERFACES

Fieldbus, industrial network	PROFINET, TCP/IP sockets
Integrated Ethernet switch	3-port layer-2 managed switch with Auto-MDI-X for automatic detection of crossed Ethernet cable
Data transmission rate	10 Mbit/s, 10Base-T 100 Mbit/s, 100Base-T autosensing
Connection type	2 × RJ45 socket

ELECTRONICS

Protection class	III (EN 61140)
Voltage supply	Via FLEXBUS+
Internal power consumption	≤ 3 W ¹⁾

¹⁾ Via FLEXBUS+.

MECHANICS

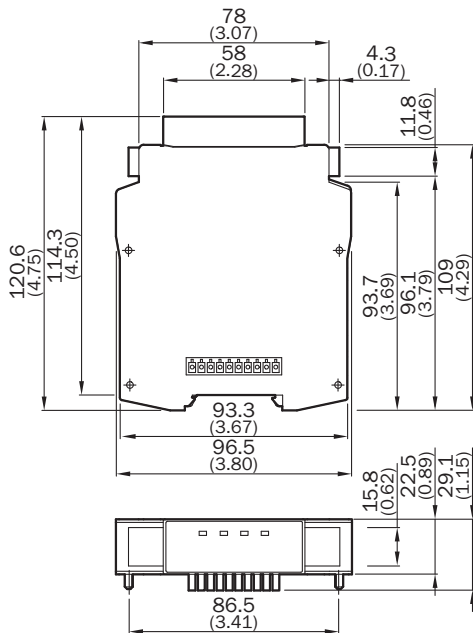
Dimensions (W x H x D)	22.5 mm x 96.5 mm x 120.6 mm
Weight	125 g (± 10 %)

AMBIENT DATA

Enclosure rating	IP20 (EN 60529)
Ambient operating temperature	-25 °C ... +55 °C
Storage temperature	-25 °C ... +70 °C
Air humidity	≤ 95 %, Non-condensing
Single gas resistance (sulfur dioxide)	25 ppm, 21 days, 25 °C (IEC 60068-2-42 - Kc)
Mixed gas resistance	100 ppb - H ₂ S 2000 ppb - NO ₂ 100 ppb - Cl ₂ 2000 ppb - SO ₂ 21 days, 30 °C (IEC 60068-2-60 Ke)

CERTIFICATES

EU declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
CCC certificate	✓
cULus certificate	✓
Information according to Art. 3 of Data Act (Regulation EU 2023/2854)	✓

DIMENSIONAL DRAWING FX0-GENT, FX0-GMOD, FX0-GPNT

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/1121597



SICK AG
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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