Flexi Soft
Safe Entry Exit

SICK
Sensor Intelligence.

SYS/SEE-FX004020101FX3

Safe Entry Exit

SAFETY SYSTEMS FOR AUTOMATING MATERIAL FLOWS

SICK
Sensor Intelligence.

Ordering information

Type	Part no.
SYS/SEE-FX004020101FX3	1117266

Included in delivery: FX3-MPL000001 (1), FX3-CPU000000 (1), FX3-XTIO84002 (1), SOW/SEE-FX00402010 (1)

With purchase, you accept the product description available under Downloads > Documentation in connection with the General Terms and Conditions for the Supply of Software Products (AVB Software SICK).

Other models and accessories ➜ www.sick.com/Safe_Entry_Exit

Detailed technical data

Features

Safety task	Access protection
Items supplied	1 Flexi Soft main module FX3-CPU0 1 Flexi Soft I/O module FX3-XTIO 1 Flexi Soft system plug FX3-MPL0 Software, operating instructions, connection diagram and SISTEMA file
Note	With purchase, you accept the product description available under Downloads > Documentation in connection with the General Terms and Conditions for the Supply of Software Products (AVB Software SICK).
Supply voltage	24 V DC (16.8 V DC … 28.8 V DC) [1]
System requirements	The system requires a Type 4 electro-sensitive protective device. The project file requires a Flexi Soft FX3-CPUx main module (version: 4.0 or higher), Flexi Soft FX3-XTIO I/O modules (version: 3.0 or higher) as well as Flexi Soft Designer (version: 1.9.4 or higher).

[1] The external voltage supply must be capable of buffering brief mains voltage failures of 20 ms as specified in EN 60204-1. Suitable power supplies are available as accessories from SICK.

Safety-related parameters

Safety integrity level	
For higher-level control with MTTFd value of at least 10 a	SIL 2 (IEC 62061)
For higher-level control with Performance Level PL e	SIL 3 (IEC 62061)
Category	Category 3 (ISO 13849-1)
Performance level	
For higher-level control with MTTFd value of at least 10 a	PL d (ISO 13849-1)
For higher-level control with Performance Level PL e	PL e (ISO 13849-1)
PFH$_D$ (mean probability of a dangerous failure per hour)	
For higher-level control with MTTFd value of at least 10 a	2.15×10^{-7}
For higher-level control with Performance Level PL e	4.53×10^{-8}
Safe state in the event of a fault	The safety-related semiconductor outputs are in the OFF state.

Classifications

ECLASS 5.0	27279090
ECLASS 5.1.4	27279090
ECLASS 6.0	27279090
ECLASS 6.2	27279090
ECLASS 7.0	27279090
ECLASS 8.0	27279090
ECLASS 8.1	27279090
ECLASS 9.0	27279090
ECLASS 10.0	27279090
ECLASS 11.0	27279090
ECLASS 12.0	27279090
ETIM 5.0	EC001449
ETIM 6.0	EC001449
ETIM 7.0	EC001449
ETIM 8.0	EC001449
UNSPSC 16.0901	32151705

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**

SICK AG | Waldkirch | Germany | www.sick.com

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