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DATA SHEET

SOW/SEE-FX00402010

Safe Entry Exit
Safety systems for automating material flows

SICK Sensor Intelligence

SAFETY SYSTEMS FOR AUTOMATING MATERIAL FLOWS

SOW/SEE-FX00402010

ORDERING INFORMATION

Type	part no.
SOW/SEE-FX00402010	1615186

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

DETAILED TECHNICAL DATA

FEATURES

Safety task	Access protection
Items supplied	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.

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/1615186



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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