SICK.COM

DATA SHEET

Validation of functional safety

Acceptance services
Engineering and integration

SICK Sensor Intelligence

ENGINEERING AND INTEGRATION

Validation of functional safety

ORDERING INFORMATION

Type	part no.
Validation of functional safety	On request

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

DETAILED TECHNICAL DATA

FEATURES

Product version	Validation of functional safety
Product area	Industrial Safety
Prerequisites	The draft of the test plan is based on the detailed specifications of the functional safety Circuit diagrams of the machine manufacturer (electrical, pneumatic, hydraulic) The program of the safety-related application software is available To perform the test, the machine must be ready for operation and all SRP/CS must be installed and functional
Range of services, brief	Creation of the verification and validation plan with detailed description of the test procedure for subsequent testing of the safety solution Efficient and traceable execution and documentation of tests Documentation of detected errors and deviations and how to correct them
Range of services	Creation of the verification and validation plan Definition of test points for physical guards Definition of the test points for the input/output check Definition of the test points for testing the device configuration Definition of the function tests Verification of the installed physical guards Verification of the installed SRP/CS Validation (function tests) Logging of results with recommendations for possible corrections
Documentation	Provision of the verification and validation protocol in PDF format
Note	The range of performance depends on the individual project coordination and the agreement in the functional specification
Machine life cycle	Commissioning

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/Acceptance services

SICK AG
WALDKIRCH
GERMANY
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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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Sensor Intelligence