ADDENDUM TO OPERATING INSTRUCTIONS

FWE200 Supplementary information according to IEC 61010-1



Described product

Product name: FWE200

Manufacturer

SICK Engineering GmbHBergener Ring 27· D-01458 Ottendorf-Okrilla · GermanyPhone:+49 35205 524-10Fax:+49 35205 524-50E-mail:info.pa@sick.de

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Original document

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1 Important information

1.1 About this document

Refer to the valid Operating Instructions (OI) for essential information on safety, measuring procedure, design, function and usage of the measuring system and its components.

This Addendum to Operating Instructions contains further information on requirements concerning electrical safety, resulting from Standard IEC 61010-1, and is only valid in combination with the FWE200 Operating Instructions.

NOTE:
Always

Always read the Operating Instructions and Addendum to Operating Instructions before starting work! Be sure to observe all safety and warning information!

1.2 Responsibility of user

- Read the Operating Instructions and Addendum to Operating Instructions before putting the measuring system into operation.
- Observe all safety information and additional information.
- ► If anything is unclear: Please contact SICK Customer Service.

Retention of documents

- Keep this Addendum to Operating Instructions with the Operating Instructions available for reference.
- Must be passed on to new owners.

2 Safety information

2.1 Basic safety information

Observe the following hazards in addition to those described in the Operating Instructions.

2.1.1 Responsibility for system safety

NOTE: Responsibility for system safety

The person setting the system up is responsible for the safety of the system in which the device is integrated.

2.1.2 Noxious gases



WARNING: Health risk through sample gas and sample gas residues

Parts of the measuring device can be contaminated with noxious sample gas.
On equipment with noxious gases, high pressure or high temperatures, the sample gas probe fitted on the duct may only be installed/removed when the equipment is at a standstill.

- Before opening the gas paths:
- Take suitable safety measures (e.g., stop sample gas feed, purge gas paths with inert gas, breathing protection, protective clothing).
- Skin or eye contact with contaminated parts:
- Observe the instructions of the respective Safety Data Sheet.
- Consult a doctor.
- Remove sample gas residues: Purge all parts carrying sample gas with inert gas for a sufficiently long time and clean with water, if necessary.



WARNING: Health risk through escaping gas or bursting components due to overpressure in the system

High process pressure can damage components and bursting components or escaping noxious gas can lead to persons being injured.

- Only use components designed for the process pressure in the application.
- Only perform assembly and maintenance of the device when the equipment is switched off, as required by the prevailing conditions.

2.2 Supplements to Section Assembly and installation



To facilitate assembly, remove weatherproof cover, sender/receiver unit and hoses.

2.2.1 Fastening the measuring device

CAUTION: Accident risk through inadequate securing of the device

If the device is not sufficiently secured, the device or device components may fall from the installation location and injure persons.

- Consider the weight of the device when selecting fastenings.
- Consider possible vibration loads when selecting fastenings.
- Prior to installation, check the load capacity at the installation location.

2.2.2 Information on lifting and carrying

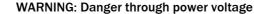


CAUTION: Injury risk through incorrect lifting and carrying of the device

Injuries can occur due to the weight and projecting enclosure parts when the device tips over or drops.

- Consider the device weight before lifting.
- Observe the regulations for protective clothing (e.g., safety shoes, non-slip gloves)
- Grip underneath the device when possible to carry it safely.
- If required, use a lifting or transport device.
- Use the help of other persons when necessary.
- Secure the device during transport.
- Before transporting, ensure obstacles that could cause falls or collisions are cleared away.

2.2.3 Hazard through electrical equipment



There is a risk of electric shock during work on the system components.

- Ensure the power supply can be switched off at an easily accessible and marked power isolating switch or circuit breaker.
- When working on the device:
- Only have the work carried out by skilled electricians familiar with potential risks.
- Take suitable protective measures against local hazards and hazards arising from the plant (e.g., free room for movement, cable ducts, automatic switch on).
- Disconnect the power connections or power supply line before working on the device.
- Only allow personnel carrying out the work to activate the power supply under consideration of valid safety regulations.
- Refit any contact protection removed before switching the power voltage back on again.
- When device damage is visible: Switch the power supply off externally.

2.2.4 Potential equalization of the devices

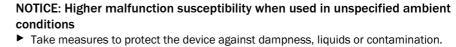


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NOTICE: Device damage possible through erroneous or missing potential equalization

During installation and maintenance work, it must be ensured that the potential equalization to the devices and lines involved is effective in accordance with IEC 61010-1.

2.2.5 Ambient conditions



Protect the device against mechanical or thermal stress.

Australia Phone +61 (3) 9457 0600 1800 33 48 02 - tollfree E-Mail sales@sick.com.au

Austria Phone +43 (0) 2236 62288-0 E-Mail office@sick.at

Belgium/Luxembourg Phone +32 (0) 2 466 55 66 E-Mail info@sick.be

Brazil Phone +55 11 3215-4900 E-Mail comercial@sick.com.br

Canada Phone +1 905.771.1444 E-Mail cs.canada@sick.com

Czech Republic Phone +420 234 719 500 E-Mail sick@sick.cz

Chile Phone +56 (2) 2274 7430 E-Mail chile@sick.com

China Phone +86 20 2882 3600 E-Mail info.china@sick.net.cn

Denmark Phone +45 45 82 64 00 E-Mail sick@sick.dk

Finland Phone +358-9-25 15 800 E-Mail sick@sick.fi

France Phone +33 1 64 62 35 00 E-Mail info@sick.fr

Germany Phone +49 (0) 2 11 53 010 E-Mail info@sick.de

Greece Phone +30 210 6825100 E-Mail office@sick.com.gr

Hong Kong Phone +852 2153 6300 E-Mail ghk@sick.com.hk

Detailed addresses and further locations at www.sick.com

Hungary Phone +36 1 371 2680 E-Mail ertekesites@sick.hu India

Phone +91-22-6119 8900 E-Mail info@sick-india.com Israel

Phone +972 97110 11 E-Mail info@sick-sensors.com

Italy Phone +39 02 27 43 41 E-Mail info@sick.it

Japan Phone +81 3 5309 2112 E-Mail support@sick.jp

Malaysia Phone +603-8080 7425 E-Mail enquiry.my@sick.com

Mexico Phone +52 (472) 748 9451 E-Mail mexico@sick.com

Netherlands Phone +31 (0) 30 229 25 44 E-Mail info@sick.nl

New Zealand Phone +64 9 415 0459 0800 222 278 - tollfree E-Mail sales@sick.co.nz

Norway Phone +47 67 81 50 00

E-Mail sick@sick.no

Poland Phone +48 22 539 41 00 E-Mail info@sick.pl

Romania Phone +40 356-17 11 20 E-Mail office@sick.ro

Russia Phone +7 495 283 09 90 E-Mail info@sick.ru

Singapore Phone +65 6744 3732 E-Mail sales.gsg@sick.com Slovakia Phone +421 482 901 201 E-Mail mail@sick-sk.sk

Slovenia Phone +386 591 78849 E-Mail office@sick.si

South Africa Phone +27 10 060 0550 E-Mail info@sickautomation.co.za

South Korea Phone +82 2 786 6321/4 E-Mail infokorea@sick.com

Spain Phone +34 93 480 31 00 E-Mail info@sick.es

Sweden Phone +46 10 110 10 00 E-Mail info@sick.se

Switzerland Phone +41 41 619 29 39 E-Mail contact@sick.ch

Taiwan Phone +886-2-2375-6288 E-Mail sales@sick.com.tw

Thailand Phone +66 2 645 0009 E-Mail marcom.th@sick.com Turkey

Phone +90 (216) 528 50 00 E-Mail info@sick.com.tr

United Arab Emirates Phone +971 (0) 4 88 65 878 E-Mail contact@sick.ae

United Kingdom Phone +44 (0)17278 31121 E-Mail info@sick.co.uk

USA Phone +1 800.325.7425 E-Mail info@sick.com

Vietnam Phone +65 6744 3732 E-Mail sales.gsg@sick.com

