



Upgrade kit FGS to deTec4 Core

The reliable solution for your plant safety – a SICK original

SICK
Sensor Intelligence.



Technical data overview

Replaces	FGS ¹⁾
Protective field height	300 mm ... 1,800 mm (depending on type)
Beam separation or resolution	14 mm / 30 mm (depending on type)

¹⁾ Without cascade, without LCU-P.

Product description

SICK offers a pre-assembled upgrade kit allowing the simple replacement of FGS protective devices, which is perfectly matched to the latest machine and system safety requirements.

With the upgrade kit FGS to deTec4, FGS protective devices can be replaced quickly and easily with the deTec4 successor product. The specially designed adapter exactly fits the existing terminal compartments of the tried-and-proven FGS. This enables the new deTec4 safety light curtain to be connected directly with no additional effort. The supplied FlexFix brackets facilitate mounting and alignment.

At a glance

- Efficient solution for the replacement of FGS protective devices
- The latest generation of safety light curtain: deTec4
- FlexFix brackets for simple mounting and alignment of the deTec4
- Adapter for connecting the deTec4 to existing FGS terminal compartments
- Mounting brackets included

Your benefits

- Specially developed solution for the direct replacement of the proven FGS protective devices
- Simple to install and easy to align thanks to flexible mounting brackets
- Plug and play thanks to pre-assembled adapter
- No new cabling required: minimal downtimes
- Costly and unscheduled outage times avoided by taking the quick and precautionary step of converting your system
- Also available as a service: on request, SICK will carry out the conversion work for your system on site

Fields of application

- Hazardous point protection
- Hazardous area protection
- Access protection

Ordering information

Other models and accessories → www.sick.com/Upgrade_kit_FGS_to_deTec4_Core

- **Replaces:** FGS
- **Items supplied:** 1 deTec4 safety light curtain (sender and receiver); 2 FGS/deTec4 adapters; 4 FlexFix brackets

Resolution	Protective field height	Response time	Type	Part no.
14 mm	300 mm	11 ms	Upgrade kit FGS to deTec4 Core 14/300	1076709
	450 mm	12 ms	Upgrade kit FGS to deTec4 Core 14/450	1076710
	600 mm	13 ms	Upgrade kit FGS to deTec4 Core 14/600	1076711
	750 mm	13 ms	Upgrade kit FGS to deTec4 Core 14/750	1076713
	900 mm	14 ms	Upgrade kit FGS to deTec4 Core 14/900	1076725
	1,050 mm	15 ms	FGS to deTec4 Core 14/1050 upgrade kit	1076726
	1,350 mm	17 ms	Upgrade kit FGS to deTec4 Core 14/1350	1076728
	1,500 mm	18 ms	Upgrade kit FGS to deTec4 Core 14/1500	1076729
	1,650 mm	19 ms	Upgrade kit FGS to deTec4 Core 14/1650	1076730
	1,800 mm	20 ms	Upgrade kit FGS to deTec4 Core 14/1800	1076731
30 mm	300 mm	10 ms	Upgrade kit FGS to deTec4 Core 30/300	1076732
	450 mm	10 ms	Upgrade kit FGS to deTec4 Core 30/450	1076733
	600 mm	10 ms	Upgrade kit FGS to deTec4 Core 30/600	1076734
	750 mm	11 ms	Upgrade kit FGS to deTec4 Core 30/750	1076735
	900 mm	11 ms	Upgrade kit FGS to deTec4 Core 30/900	1076736
	1,050 mm	11 ms	Upgrade kit FGS to deTec4 Core 30/1050	1076737
	1,200 mm	12 ms	Upgrade kit FGS to deTec4 Core 30/1200	1076738
	1,350 mm	12 ms	Upgrade kit FGS to deTec4 Core 30/1350	1076739
	1,500 mm	13 ms	Upgrade kit FGS to deTec4 Core 30/1500	1076740
	1,650 mm	13 ms	Upgrade kit FGS to deTec4 Core 30/1650	1076741
	1,800 mm	13 ms	Upgrade kit FGS to deTec4 Core 30/1800	1076742

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