

Flexi Compact & Flexi Soft

Selection Guide



Flexi Compact and Flexi Soft

Safe control solutions for your application

SICK
Sensor Intelligence.

Expertise from a single source

- Comprehensive safety product portfolio: Everything from a single source ensures interaction of components
- Worldwide service network of SICK safety experts for quick support on-site



Best-in-class tooling

- Intuitive user interface for fast configuration with Flexi Soft Designer or Safety Designer
- Extensive range of functions, integrated simulation, detailed report and wiring plan



Cost-efficient solution

- Modular adaptation to the application by cost saving scalability
- License-free configuration software



Continuous diagnostics for process optimization

- Gateways for all common fieldbuses
- Diagnostic LEDs on the device and diagnostic options in Flexi Soft Designer/ Safety Designer



Increased productivity / less downtimes

- The diagnostics interfaces of the main modules and the configuration storage facility in the system plug enable rapid commissioning, component replacement, and troubleshooting
- Fast shut off with 4.5 or 8ms response time leads to shorter safety distances and faster processes



Safe series connection via Flexi Loop

- Simple configuration and fast wiring saves time and money
- Detailed status information about the connected sensors for rapid field diagnostics

Find out more about Flexi Compact:

→ www.sick.com/Flexi_Compact



Find out more about Flexi Soft:

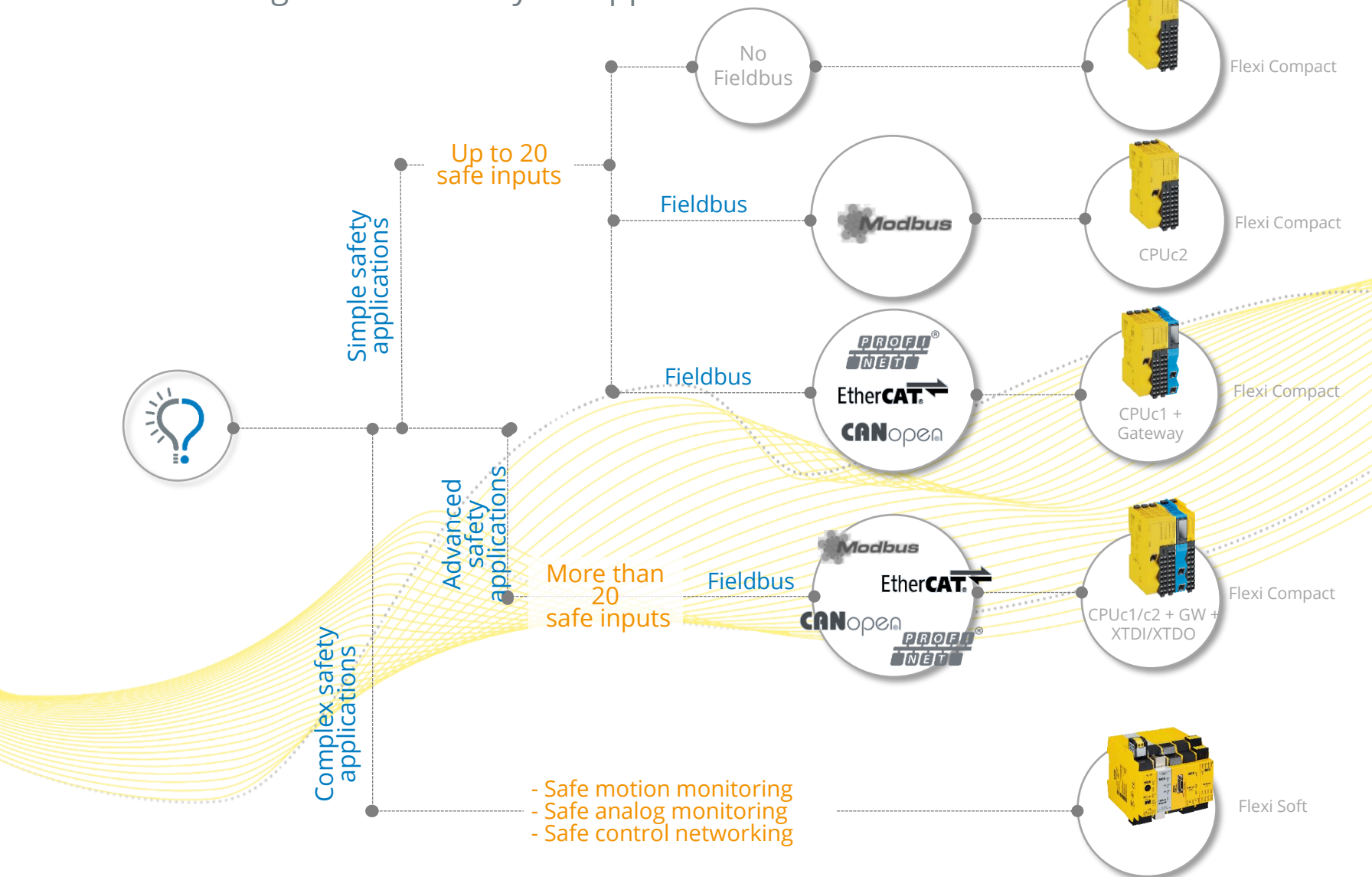
→ www.sick.com/Flexi_Soft



Application specific selection guide

Find the right solution for your application

SICK
Sensor Intelligence.



Flexi Compact - modular und compact
CPU c1; CPU c2 (Modbus interface)
 I/O-Module: XTDI, XTDO; GW: EtherCAT®, PROFINET, CANopen

20 safety inputs 4 safety outputs	8 test outputs (as standard outputs usable)
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- + Slim housing (46 mm and 14 mm extension module)
- + Response time: **4.5 ms** (fast shut-off)
- + Modbus interface on CPU c2
- + Future-proof (new generation)



Flexi Soft / Flexi Soft sales kits - modular
CPU 0/1/2/3, IO-Modules, Gateways
Flexi Soft micro set / kit 24 IO / kit medium

8/ 16/ 24 safety inputs 4/ 8/ 4 safety outputs	4/ 4/ 4 test outputs - / - / 12 standard outputs
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- + Integration in common field busses
- + Response time : **8 ms** (fast shut-off)
- Main module without inputs/outputs

Flexi Compact at a glance

Safety under control – compact, easy and efficient



Flexi Compact
main modules

1085349 FLX3-CPUC1
1085351 FLX3-CPUC2

- 20 safe IN & 4 safe OUT
- 8 std. OUT / test OUT
- Modbus TCP (CPUC2)



Flexi Compact
output expansion

1085343 RLY3-OSSD1

- 2 potential-free contacts

1099971 RLY3-OSSD4

- 4 potential-free contacts



Flexi Compact
IO-modules

1085353 FLX3-XTDI100

- 8 safety inputs/ 8 standard outputs/ test outputs
- Up to 12 extension modules

1085354 FLX3-XTDO100

- 8 safety inputs/ 8 safety outputs
- Up to 12 extension modules



Flexi Compact
Gateways

1085356 Profinet, TCP/IP Sockets

1085357 EtherCAT

1085363 CANopen

- 1 Gateway per Flexi Compact

Flexi Soft Sales Kits at a glance

Convenient and efficient

