E100

Enabling switch for safety during setup or maintenance operation

SICK

Sensor Intelligence.

E100

Technical data overview

Switch type	Enabling switch
Positive action N/C contacts	2
N/O contacts	2
Housing material	Plastic
Enclosure rating	IP67 (EN 60529) IP65 (EN 60529)
Connection type	Cable open end

Product description

The E100 enabling switch ensures that even critical machine functions are executed safely. They are used when work has to be performed in a hazardous area in "setup" operating mode. All enabling switches are configured as 3-stage switches, i.e., movements can only be activated in the middle position because this is the only position in which all contacts are closed.

At a glance

- Plastic housing with connected cable
- 3-stage functional structure (off-on-off)
- Slow-action switching elements with four contacts
- Variant with additional plus/minus buttons
- Complies to the standard IEC/EN 60947-5-8

Your benefits

- Personal protection with enabling switches: increased safety in setup mode when protective devices are deactivated
- Plus/minus buttons for additional control of direction of movement
- Different cable lengths available to meet customer application requirements

Fields of application

- Automated production systems
- Use only in special operating modes when the protective devices are deactivated
- For personal protection during maintenance work performed in setup mode

Ordering information

Other models and accessories ➜ www.sick.com/E100

Type of connection cable	Plus/minus button	Length of cable	Type	Part no.
Coil	–	5 m	E100-A2A22C05A	6021917
Straight	✓	5 m	E100-B2A22S05A	6022879
		10 m	E100-B2A22S10A	6022880
		25 m	E100-B2A22S25A	6033234
	–	5 m	E100-A2A22S05A	6012141
		10 m	E100-A2A22S10A	6021916
		25 m	E100-A2A22S25A	6049337

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**

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