ER12
Reliable button for machine commands

SICK
Sensor Intelligence.

ER12

Technical data overview

Switch type	Reset pushbutton / dual pushbutton (depending on type)
Number of N/O contacts	1 / 2 (depending on type)
Housing material	Plastic
Enclosure rating	IP65 (EN 60529)
Pushbuttons (illuminable)	✔ / – (depending on type)
Connection type	Plug connector, M12, 4-pin / plug connector, M12, 5-pin / plug connector, M12, 8-pin (depending on type)
Suitable for muting applications (with UE403)	– / ✔ (depending on type)
Suitable for reset/override applications (with deTec4)	– / ✔ (depending on type)

Product description

Reset pushbuttons and multiple pushbuttons from the ER12 product family are used wherever a function must be activated manually. The different product types are suitable for a wide range of applications. A reset pushbutton resets a protective device if a machine restart is required after a previously initiated stop function. A multiple pushbutton in the dual pushbutton version is used in applications in which two pushbuttons are needed. The flexible options for use of the two pushbuttons are advantageous here - both the reset function as well as other functions can be operated using one operating unit.

At a glance
- Thin housing with snap-lock connection
- Illuminable pushbuttons
- Lock function
- M12 plug connector

Your benefits
- Easy installation with quick disconnect mounting clip
- Quick commissioning and easy replacement with an M12 plug connector
- User-friendly status indication

Fields of application
- Machines for which persons can be in the hazardous area without activating the protective device
- Prevention of unexpected machine start
- Applications which required manual function activation

Ordering information

Other models and accessories ➜ www.sick.com/ER12

Switch type	Number of N/O contacts	Connection type Detail	Suitable for muting applications (with UE403)	Suitable for reset/override applications (with deTec4)	Items supplied	Type	Part no.
Dual push-button	2	Plug connector, M12, 8-pin	–	–	Including brackets, 6 cover caps (blue, black, green, yellow, 2x transparent) and 8 labeled uses (START, RESET, ON, LOCK, UNLOCK, RESET/OVERRIDE, OVERRIDE, TEACH)	ER12-SD5E8	6051321
Reset push-button	1	Plug connector, M12, 4-pin	✔	–	Including retaining clip and "RESET" cover	ER12-SB3C4S01	6034585
			–	–		ER12-SB3C4	6051330
		Plug connector, M12, 5-pin	–	✔	Including retaining clip, "RESET" cover and "RESET/OVERRIDE" cover	ER12-SB3C5	6045316

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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