

## SAFETY PRODUCTS

# Safety and process lock

## Knox

Knox is a robust lock in stainless steel available in a variety of models: process locks and safety locks, and for most types of doors.

All Knox models offer an interlocking function reaching PL e/SIL3. Knox as safety lock also offers a locking/unlocking function reaching PL e/SIL3 while the locking/unlocking function of Knox as a process lock is not intended for safety functions.

Knox has a front handle and a red back handle. The handles on the lock operate as they would on a normal door, eliminating the needs of other handles for the door. But the front handle also offers a reset function, eliminating the need for a separate reset button, and the red back handle works as an emergency release/opening.



### Safety and protection

#### Safe lock with double locking function

Both the locking function and the interlocking functions of Knox reach PL e/SIL3. Moreover, the mechanical locking is guaranteed by two separate latch bolts.

#### Emergency release handle on the inside

It is always possible to open the door from inside the dangerous zone, using the emergency release handle.



### Continuous operation

#### LED diagnostics

Integrated LED diagnostics reduce down time when troubleshooting.

#### Strong holding force

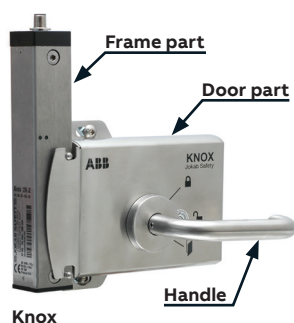
A holding force of up to 5000 N prevents the door from being opened while the machine is running.



### Reliable in extreme conditions

#### Robust design

Made of stainless steel and with a robust construction, Knox is ideal for use in mechanically demanding environments.



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## Door part

Type of opening	Manual unlocking	Right/left hung door	Type	Order code
Outwards opening (away from the dangerous zone)	No	Right	Knox 1A-R v2	2TLA020105R5000
		Left	Knox 1A-L v2	2TLA020105R5100
	Yes	Right	Knox 1AX-R v2	2TLA020105R5800
		Left	Knox 1AX-L v2	2TLA020105R5900
Inwards opening (towards the dangerous zone)	No	Right	Knox 1B-R v2	2TLA020105R5200
		Left	Knox 1B-L v2	2TLA020105R5300
	Yes	Right	Knox 1BX-R v2	2TLA020105R6200
		Left	Knox 1BX-L v2	2TLA020105R6300
Sliding door	No	Slide right to open	Knox 1F-R v2	2TLA020105R6000
		Slide left to open	Knox 1F-L v2	2TLA020105R6100
	Yes	Slide right to open	Knox 1FX-R v2	2TLA020105R6400
		Slide left to open	Knox 1FX-L v2	2TLA020105R6500

## Frame part

Description	Connector	Type	Order code
Knox frame part for safety lock	M12-8 pole	Knox 2A v2	2TLA020105R2200
Knox frame part for process lock	M12-5 pole	Knox 2X v2	2TLA020105R2300



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