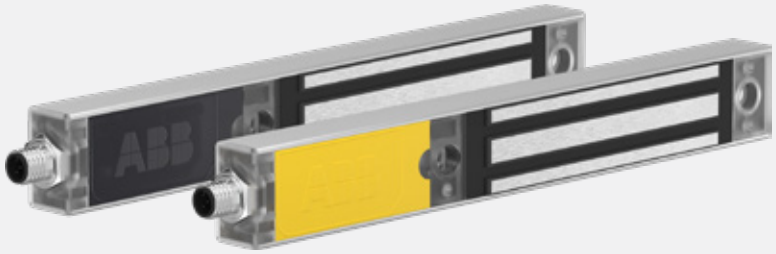
SAFETY PRODUCTS

Electromagnetic process lock
Magne



Magne is an electromagnetic process lock intended for locking doors and hatches. It is typically used to prevent unwanted process interruptions, for example, during a welding operation. Magne models with integrated Adam safety sensor make it easy to achieve the highest safety level for the interlocking function.

Reliable in extreme conditions

Sealed aluminum housing
IP67 sealing makes Magne suitable in extreme conditions.

Robust design
The electromagnetic lock without mechanical moving parts is a robust design with fewer parts subject to wear.

Easy to install

M12 connectors
Quick and easy cabling with M12 connectors.

Magnets simplify installation
Electromagnets offer larger mounting tolerances than mechanical locks.

Continuous operation

LED diagnostics
Integrated LED diagnostics reduce down time when troubleshooting.

Strong holding force
A holding force of up to 1500 N prevents unwanted process stops.

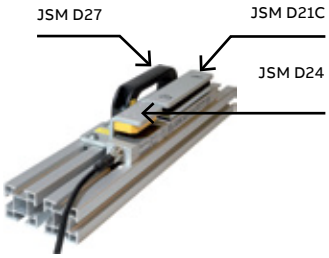
ENGINEERED
TO OUTRUN

Magne 3

Magne 4

Anchor plate

JSM D28



JSM D23C

ORDERING DETAILS

For a complete Magne lock, both door and frame components are required. Magne 4 also requires a separate Eva sensor.

Safe interlocking with integrated Adam	Safety signal	Extra function	Connector	Type	Order code
No	-	-	M12-5 male	Magne 3X M12-5	2TLA042022R2700
Yes	DYNlink	-	M12-5 male	Magne 4X DYN M12-5	2TLA042022R3000
		1 info output: “Locked and closed”	M12-8 male	Magne 4 DYN-Info	2TLA042022R3400
		2 info outputs: “Locked” and “Closed”	M12-8 male	Magne 4 DYN-2Info	2TLA042022R3410
	OSSD	1 info output: “Locked and closed”	M12-8 male	Magne 4 OSSD-Info	2TLA042022R4600

ACCESSORIES

Description	Type	Order code
Aluminium profile for door handle that completely covers a Magne unit when the door is closed — for conventional door (5–15 mm door gap)	JSM D28	2TLA042023R0100
Mounting kit for Magne — for conventional door (5–15 mm door gap)	JSM D21C	2TLA042023R0510
Mounting kit for Magne — for sliding door	JSM D23C	2TLA042023R0210
Mounting kit for Eva — for conventional door	JSM D24	2TLA042023R0300
Door handle for JSM D21C	JSM D27	2TLA042023R1000
Connection block for serial connection of two Magne, Dalton or Knox (M12-8)	Tina 12A	2TLA020054R1800
Cellular rubber, 10 mm thick — spare part for Magne anchor plate	Magne rubber 1B	2TLA042023R3610

DOOR COMPONENT

Description	Type	Order code
Anchor plate with permanent magnet — delivered with Magne rubber	Magne Anchor 32E	2TLA042023R0420
Anchor plate without permanent magnet — delivered with Magne rubber	Magne Anchor 32D	2TLA042023R0410

EVA SENSOR FOR MAGNE 4 MODELS

Compatible Adam	Code description	Code level	Type	Order code
Adam DYN and OSSD	General code (Eva is interchangeable)	Low level	Eva General code	2TLA020046R0800
	Unique code (prevents defeat/fraud)	High level	Eva Unique code	2TLA020046R0900

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