



Sensor Barrier Argus 40

Compact, complete, consistent

Outstanding design

Argus sensor barriers define a new elegance: a closed shape for fluid movement. The modules are clearly designed with straight lines and geometrical corner radii. Thus, two slim structures form one symmetrical unit with glass doors that appear weightless. The XEA design language, typical of dormakaba, combines basic shapes, colours, surfaces and control elements in a uniform look. In this way, the contemporary monoblock design of Argus makes many variations possible – with seamlessly integrated technology.

Small footprint

With a length of just 1,200 mm, Argus 40 is a high-quality sensor barrier that can be used even when space is limited. It impresses with its fine materials and functional basic equipment. It meets normal safety requirements without compromise.

Variable passage width

The barrier-free 900 mm passage for wheelchair users, groups or material transports can be reduced to a stan-

dard 650 mm by adjusting the door opening angle, if required.

Taller door leaf

For a greater level of security, doors with a 1,800 mm upper edge height can be used. With an optional extended drive column as an additional security barrier.

User-optimised scanner integration

The subtly concealed scanner defines the action area with nothing more than an illuminated icon. The prevalent RFID scanner formats can be fitted easily.

Smart emergency exit and escape route

The system's locking unit can be released in an emergency. The door leaves can be brought to the open position.

Secure separation sensors

The sensors in the Argus 40 are positioned efficiently in the leg area.

Great design options in a small format

The compact model has everything that an elegant sensor barrier needs. With a length of just 1,200 mm, it is also suitable for installation situations where space is limited.

Compared with the longer variants, the equipment is reduced yet offers the full functionality. Panels in the centre of the profile close the open body on request. If you are happy to do without a lighting strip on the hand rail and ambient lighting, you are not missing out on anything with this model.

The entire technology is holistically secure. A complete sensor barrier with puristic aesthetics.



Argus 40 Sensor Barriers

Basic equipment

Argus 40

Construction	Interlock height	990 mm
	Interlock length	1,200 mm
	Passage width	650 mm
	Total width	1,060 mm
	Housing, base columns, guiding elements	Profile and inlay elements in the hand rail and in the front of the side panels are made of aluminium
	Blocking elements	Two door leaves made of toughened safety glass, 10 mm, upper edge 990 mm
	Sensors	Sensors in horizontal configuration in leg area
Finish	Surface combinations according to presetting or individual	
Function	Drives	Type 2.* Integrated in the swing tube. Safety level 0. Passage area monitored by simple sensors in the leg area. (Simple monitoring of the single passage in both directions).
	Operation modes	Basic position closed "night-operation": The door leaves open in the direction of passage, once authorised, and then close again
Electric components	Control system and power supply integrated in the unit	
	Power supply	100 - 240 VAC, 50/60 Hz, 300 VA
	Power consumption	18.4 VA**
	Standard adjustment in case of power failure	Door leaves move freely
Installation	Dowelled on finished floor level FFL. Not suitable for outdoor installation!	

* Type 2: power-assisted motion; two servo-positioning drives/electrically controlled in both directions.

** Standardized cycle with 1,000 passes per day and standby operation in between.

Options

Version	Single system/Twin system/Triple system/Quadruple system/Multiple system
Sensor-controlled passage width monitored	Passage width 900 mm/915 mm (USA standard for the disabled). Extended passage width with reduced opening angle. Sprocket brake locks when pressed.
Passage width not monitored by sensors	DB = 1,200 mm with maximum top edge 1,800 mm/DB = 1,400 mm with maximum top edge 1,600 mm/ DB = 1,600 mm with maximum top edge 1,200 mm
Door leaf increase with Drive unit 850 mm	Upper edge of door leaf: 1,200 mm/1,400 mm/1,600 mm/1,800 mm
Drive unit increases to same upper edge as door leaf	Upper edge of door leaf: 1,200 mm/1,400 mm/1,600 mm/1,800 mm
Scanner installation	Flush-mounted socket in the hand rail for on-site installation/Universal, concealed scanner installation behind ESG 6 mm with RFID symbol L/W/H 150x90x30 mm/Preparation for a surface-mounted scanner attachment in the vertical surface, e.g. for wheelchair users (height 850 mm)
User guidance	Illuminated RFID icon in white, red and green
Use in emergency exits and escape routes	The SafeRoute Control Unit (SCU) on or near the system activates the escape and rescue route function.
Mean cycles between failures (MCBF)	DB = 650 mm: 10 Mio., DB = 900 mm: 8 Mio.
Separation sensors	Separation sensor in hip area (Security Level 1.5)
Product declaration	Environmental Product Declaration: EPD-DOR-20200033-IBA1-EN Health Product Declaration: standard procedure MEMBER

Any questions? We would be happy to answer any questions you may have.