Sensor Barrier Argus 60

The definition of elegance

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.

Argus 60
Argus 60 at a length of 1,650 mm achieves the maximum security level: The horizontal sensor strip is supplemented with a vertical sensor. In terms of aesthetics, Argus 60 offer greater freedom of choice, with many material and colour combinationsvas well as ambient lighting.

Variable passage width
The barrier-free 900 mm passage for wheelchair users, groups or material transports can be reduced to a standard 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 open position.

Secure separation sensors
With Argus 60, an additional, vertical sensor strip is installed, which achieves better recognition of subsequent, unauthorized people and also detects entry from the wrong direction. Likewise, the passage is thus limited to exactly one individual person even for people walking through with suitcases or for wheelchair users.

Elegant security
The 1,650 mm long version of the sensor barrier offers more options than the Argus 40: Functionally, the security level is increased, as a vertical strip is installed as an addon sensor in addition to the horizontal safety sensor strip. The height of the door leaves can be increased compared with the standard version. The light strip in the hand rail ensures pleasant orientation.

Ambient lighting is integrated to improve aesthetics – the interlock becomes a real highlight in the foyer. The sides are each provided with two panels so that the entire system has the look of a monoblock design. This is contrasted with the highly transparent door leaves. Security with ease.

Argus 60 Sensor Barriers

Basic equipment — Argus 60

Construction		Argus 60
Construction	Interlock height	990 mm
	Interlock length	1,650 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, upper edge 990 mm
	Sensors	The sensor system is integrated in the guiding elements both horizontally and vertically
Finish		Surface combinations according to presetting or individual
Function	Drives	Type 2.* Integrated in the swing tube. Safety level 2. Passage area monitored by enhanced sensor system with an optimised installation length and arrangement (increased level of single passage monitoring in both directions, including detection of opposite direction).
	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
	Standby power consumption	18,4 VA (58 VA mit Ambiente-Beleuchtung)**
	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
** Standardisierter Zyklus mit 1.000 Durchtritten pro Tag und Bereitschaftsbetrieb dazwischen..

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)/1,000 mm. Extended passage width with reduced opening angle. Sprocket brake locks when pressed.
Passage width not monitored by sensors	Passage width greater than 1,000 mm to max. 1,600 mm/Passage width = 1,600 mm with max. upper edge 990 mm/Passage width = 1,400 mm with max. upper edge 1,200 mm/Passage width = 1,200 mm with max. upper edge 1,400 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/White-red-green running light integrated in the hand rail
Ambient lighting:	In the passage area LED white K4000/On the outside LED white K4000/ Additional red and green for status display
Use in emergency exits and escape routes	The SafeRoute Control Unit (SCU) on or near the unit activates the escape and emergency route function.
Mean cycles between failures (MCBF)	DB=650 mm: 10 Mio., DB=900 mm: 8 Mio.
product declaration	Environmental Product Declaration: EPD-DOR-20200033-IBA1-EN

Health Product Declaration: Standardverfahren MEMBER |

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