

# Sensor Barrier Argus 80

## The perfection of form



### Security in perfect shape

A consistently high-quality design: The interlock has a particularly solid and refined look, as the upper section, with the front and rear vertical frame sections, is worked seamlessly in one piece – as a Full Cast Layer. The shimmering metal has the look of an “endless” hand rail. The Full Cast Layer makes the interlock just one centimetre longer.

The equipment is just as varied as in the Argus 60 in terms of the security modules, the colour combinations, the running light, the ambient lighting and the door heights. Customisation is also possible: The side panels can also be produced in corporate colours.



### 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 80

Argus 80 at a length of 1,660 mm achieves the maximum security level: The horizontal sensor strip is supplemented with a

vertical sensor. In terms of aesthetics, Argus 80 offer greater freedom of choice, with many material and colour combinations, ambient lighting and the Full Cast Layer – a seamlessly wrought hand rail. One design from one piece..

### 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 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 80, 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.

# Argus 80 Sensor Barriers

## Basic equipment

## Argus 80

<b>Construction</b>	Interlock height	995 mm
	Interlock length	1,660 mm
	Passage width	650 mm
	Total width	1,060 mm
	Housing, base columns, guiding elements	Profile with all-round cover in the hand rail and the front made of aluminium in the side section. Side covering of the sensors by printed discs in the respective colour tone defined in the presettings
	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
<b>Finish</b>	Surface combinations according to presetting or individual	
<b>Function</b>	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
<b>Electric components</b>	Control system and power supply integrated in the unit	
	Power supply	100 - 240 VAC, 50/60 Hz, 300 VA
	Standby power consumption	System 17 VA, ambient lighting in passage area and outside 200 VA
	Standard adjustment in case of power failure	Door leaves move freely
<b>Installation</b>	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.

## Options

<b>Version</b>	Single system/Twin system/Triple system/Quadruple system/Multiple system
<b>Sensor-controlled passage width monitored</b>	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.
<b>Passage width not monitored by sensors</b>	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
<b>Door leaf increase with Drive unit 850 mm</b>	Upper edge of door leaf: 1,200 mm / 1,400 mm / 1,600 mm / 1,800 mm
<b>Drive unit increases to same upper edge as door leaf</b>	Upper edge of door leaf: 1,200 mm / 1,400 mm / 1,600 mm / 1,800 mm
<b>Scanner installation</b>	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 150 x 90 x 30 mm/Preparation for a surface-mounted scanner attachment in the vertical surface, e.g. for wheelchair users (height 850 mm)
<b>User guidance</b>	Illuminated RFID icon in white, red and green/White-red-green running light integrated in the hand rail
<b>Ambient lighting:</b>	In the passage area LED white K4000/On the outside LED white K4000/ Additional red and green for status display
<b>Use in emergency exits and escape routes</b>	The SafeRoute Control Unit (SCU) on or near the unit activates the escape and emergency route function.
<b>Mean cycles between failures (MCBF)</b>	DB=650 mm: 10 Mio., DB=900 mm: 8 Mio.
<b>product declaration</b>	Environmental Product Declaration: EPD-DOR-20200033-IBA 1-EN Health Product Declaration: Standardverfahren MEMBER



Any questions? We will be happy to assist you.