



# Argus 80 optical swing lane

## The perfection of form

<b>Basic equipment</b>	<b>Argus 80</b>	
<b>Construction</b>	Interlock height	39-3/16" (995)
	Interlock length	65-3/8" (1660)
	Passage width	25-9/16" (650)
	Total width	41-3/4" (1060)
	Housing, base columns, guiding elements	Profile with all-round cover in the hand rail and the front made of aluminum in the side section. Side covering of the sensors by printed discs in the respective color tone defined in the presets
	Blocking elements	Two door leaves made of transparent plexiglass, upper edge 39" (990).
	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 optimized installation length and arrangement (increased level of single passage monitoring in both directions, including detection of opposite direction).
	Operation modes	Normal operation is leaves closed. The door leaves open in the direction of passage, once authorized 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 closed in both directions.

Subject to change without notice

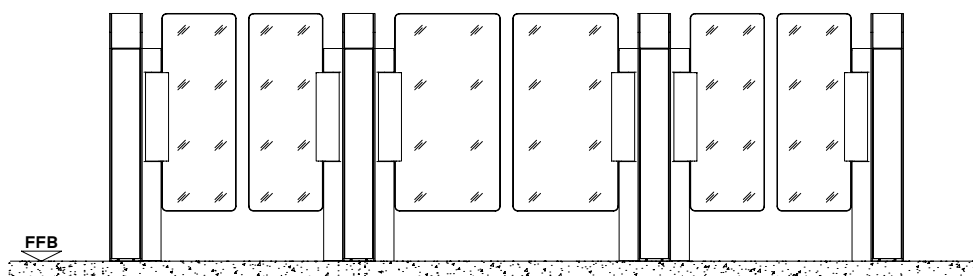
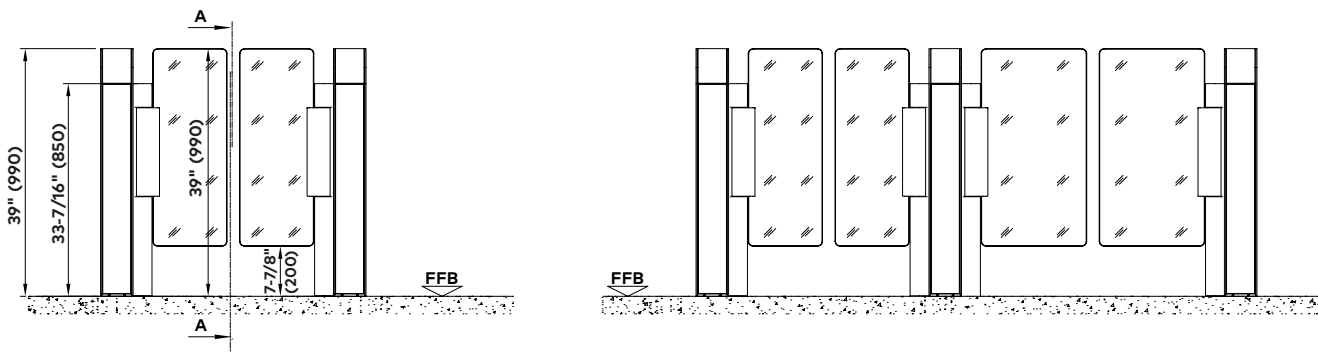
Argus 80—the longest model at 65-3/8" (1660)—offers a high-quality, solid, and elegant design that provides security in all directions and in all situations. The one-piece Full Cast Layer design of the frame sections projects a refined look with the appearance of an endless hand rail. As with the Argus 60, the equipment is variable—different security modules, color combinations and door heights, as well as ambient cue lighting and ambience lighting are available. Customizing is also possible: the side panels can shine in corporate colors.

# Argus 80 options

Elegant security

Option	Description
<b>Version</b>	Single system    Twin system    Triple system Quadruple system    Multiple system
<b>Sensor-controlled passage width monitored</b>	<ul style="list-style-type: none"> <li>• Passage width 35-7/16" or 36" (900 or 915).</li> <li>• Extended passage width with reduced opening angle.</li> </ul>
<b>Passage width not monitored by sensors</b>	<ul style="list-style-type: none"> <li>• Passage width greater than 39-3/8" (1000) to max. 63" (1600)</li> <li>• Passage width = 63" (1600) with max. upper edge 39" (990)</li> <li>• Passage width = 55-1/8" (1400) with max. upper edge 47-1/4" (1200)</li> <li>• Passage width = 47-1/4" (1200) with max. upper edge 55-1/8" (1400)</li> </ul>
<b>Door leaf increased with drive unit 33-7/16" (850)</b>	Upper edge of door leaf: <ul style="list-style-type: none"> <li>• 47-1/4" (1200) in 3/8" (10) plexiglass</li> <li>• 55-1/8" (1400) in 3/8" (10) tempered laminate glass</li> <li>• 63" (1600) in 3/8" (10) tempered laminate glass</li> <li>• 70-7/8" (1800) in 3/8" (10) tempered laminate glass</li> </ul>
<b>Drive unit increased to same upper edge as door leaf</b>	Upper edge of door leaf: <ul style="list-style-type: none"> <li>• 47-1/4" (1200) in 3/8" (10) plexiglass</li> <li>• 55-1/8" (1400) in 3/8" (10) plexiglass</li> <li>• 63" (1600) in 3/8" (10) plexiglass</li> <li>• 70-7/8" (1800) in 3/8" (10) plexiglass</li> </ul>
<b>Scanner installation</b>	<ul style="list-style-type: none"> <li>• Flush-mounted socket in the hand rail for on-site installation.</li> <li>• Universal, concealed scanner installation behind 1/4" (6) tempered laminate glass with RFID symbol L 5-15/16" x W3-9/16" x H1-3/16" (L150 x W90 x H30).</li> <li>• Preparation for a surface-mounted scanner attachment in the vertical surface, e.g. for ADA compliance (height 33-7/16"[850])</li> </ul>
<b>User guidance</b>	<ul style="list-style-type: none"> <li>• Illuminated RFID icon in white, red and green</li> <li>• White-red-green running light integrated in the hand rail</li> </ul>
<b>Ambient lighting</b>	<ul style="list-style-type: none"> <li>• In the passage area LED white K4000.</li> <li>• On the outside LED white K4000.</li> <li>• Additional red and green for status display.</li> <li>• Optional additional lighting choices for both inside and outside.</li> </ul>
<b>Use in emergency exits and escape routes</b>	STV-ETS module for activation of emergency exits and escape routes: <ul style="list-style-type: none"> <li>• Door leaves are freely mobile</li> <li>• Doors move to open position</li> </ul>

## Installation drawings



**Note**  
Dimensions shown as inches followed by millimeters; for example, 1" (25).

# Installation drawings

