



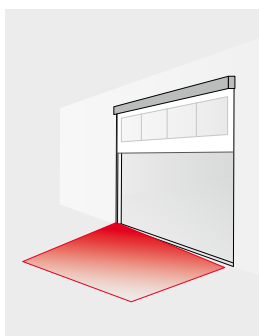
Sensor solutions for doors

Product overview

CEDES

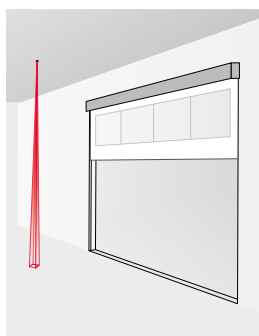


Industrial and residential door solutions



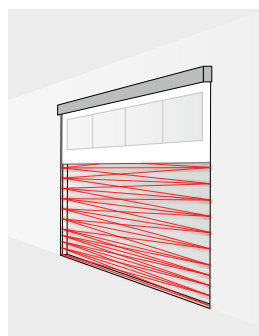
Saves energy via intelligent door opening: Recognizes direction of travel & eliminates unnecessary door openings

TOF/Start



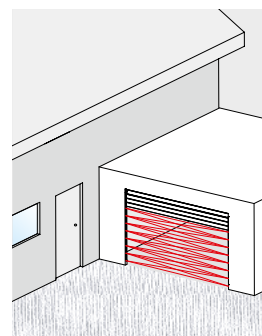
Saves energy via intelligent door opening: Selective activation point opens doors automatically

TOF/Spot



Safeguards high-speed & sectional doors, TÜV-approved

GridScan/Mini



Safeguards residential garage doors and protects children in particular

Micro MF

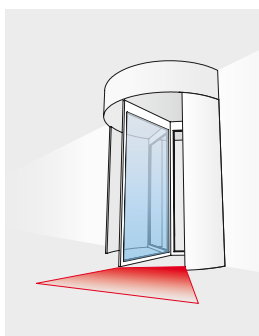


Technical data

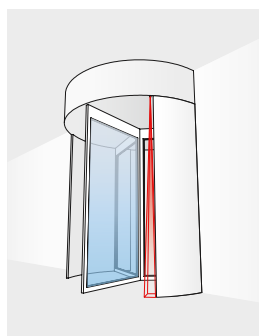
Type	Comfort	Safety	Safety	Comfort
Operating range (in m)	max. 2 × 2	max. 6	max. 10	max. 6
Supply voltage U _{SP}	24 VDC ±20%	10 ... 30 VDC	10 ... 30 VDC	14 ... 30 VDC
Output	PNP/NPN (push-pull)	Solid-state relay, analog	PNP/NPN (push-pull), FSS	PNP/NPN (push-pull)
Enclosure rating	IP65	IP65	IP67	IP65 / IP67
Certificates	CE	CE, TÜV	CE, TÜV	CE



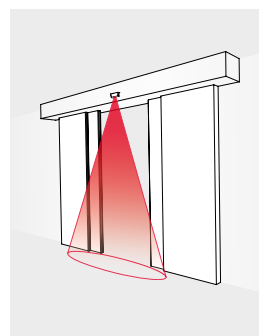
Pedestrian door solutions



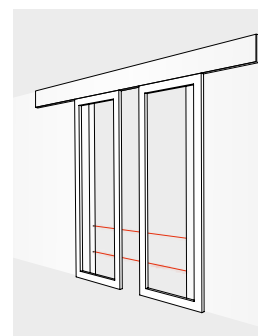
Saves energy via intelligent door opening: Recognizes direction of travel & eliminates unnecessary door openings



Safeguards main closing door-edges of revolving doors



Opens all types of doors



Safeguards sliding doors

TOF/Start



TOF/Spot



TLS 500 | TLS 600



ELS 263 | ELS 300

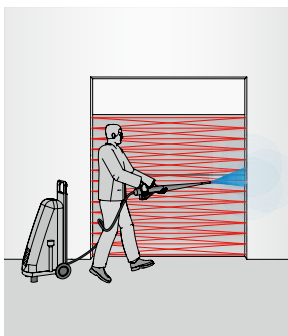


Technical data

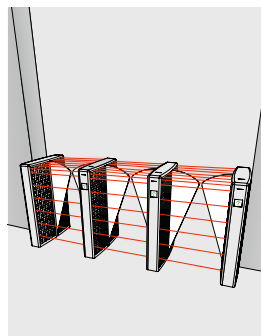
Type	Comfort	Safety	Comfort	Comfort Safety
Operating range (in m)	max. 2 × 2	max. 6	max. 6 max. 4	max. 6 max. 12
Supply voltage U _{SP}	24 VDC ±20%	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
Output	PNP/NPN (push-pull)	Solid-state relay, analog	PNP or NPN	PNP or NPN
Enclosure rating	IP65	IP65	IP40	IP65 IP67
Certificates	CE	CE, TÜV	CE	CE CE, TÜV



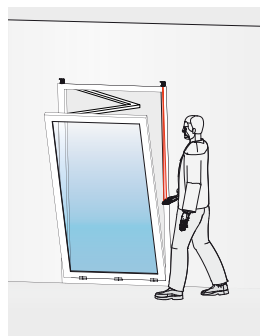
Special solutions



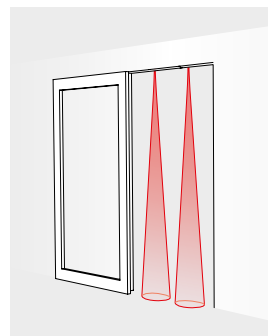
Enables power-cleaning



Maximizes efficient people-flow



Prevents injury to hands and fingers



Counts people entering and leaving

GridScan/Mini | cegard/Max



ELS 263 | ELS 300



TOF/Spot



TPS



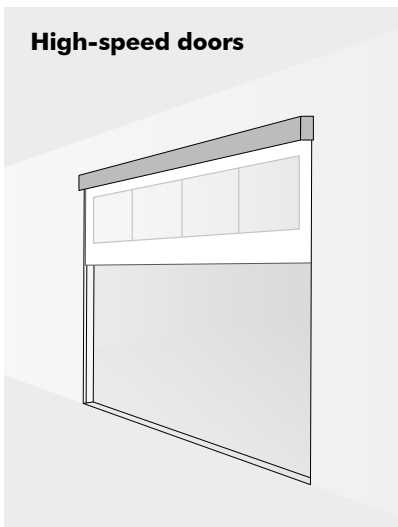
Technical data

Type	Safety Comfort	Comfort Safety	Safety	Comfort
Operating range (in m)	max. 8 max. 5	max. 6 max. 12	max. 6	max. 2
Supply voltage U _{SP}	10 ... 30 VDC	14 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
Output	PNP/NPN (push-pull), FSS Relay	PNP or NPN	Solid-state relay, analog	PNP or NPN
Enclosure rating	IP67	IP65 IP67	IP65	IP65
Certificates	CE, TÜV CE	CE CE, TÜV	CE, TÜV	CE

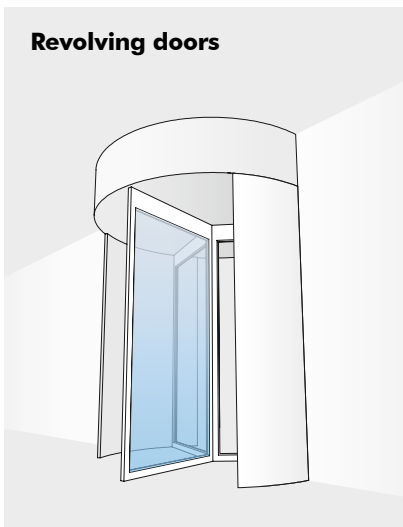


Application areas

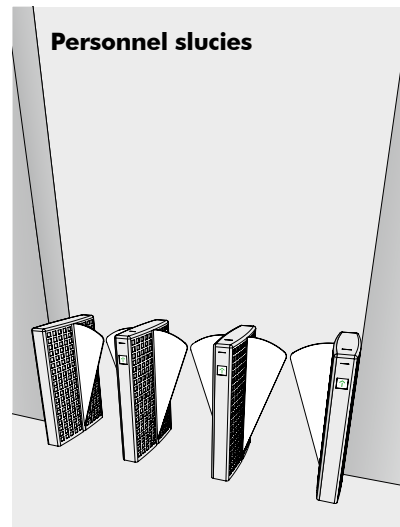
High-speed doors



Revolving doors



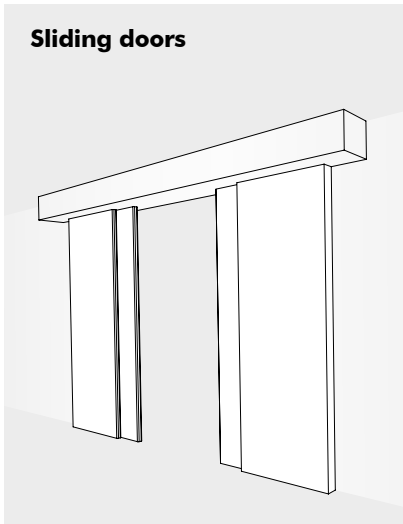
Personnel sluices



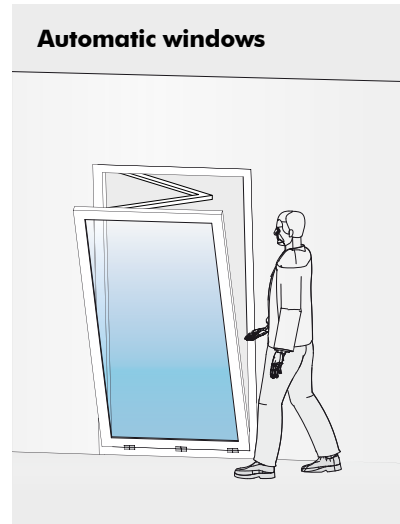
Sectional doors



Sliding doors



Automatic windows





Safeguarding people and goods

CEDES provides safety and comfort for people. Our technological know-how and global network offer our customers the most advanced sensor solutions. Innovation and quality are the hallmarks of our products and service. Our strength lies in providing leading-edge technology throughout our product range. Our goal is to provide customers with solutions that exceed their expectations.

One of our core competences is developing customer-specific solutions. Our detailed understanding and mastery of technology enable us to develop innovative and cost-effective tailor-made sensor solutions for specific applications, as well as standard products, which themselves have wide-ranging applications.

The customer is always at the heart of our process.