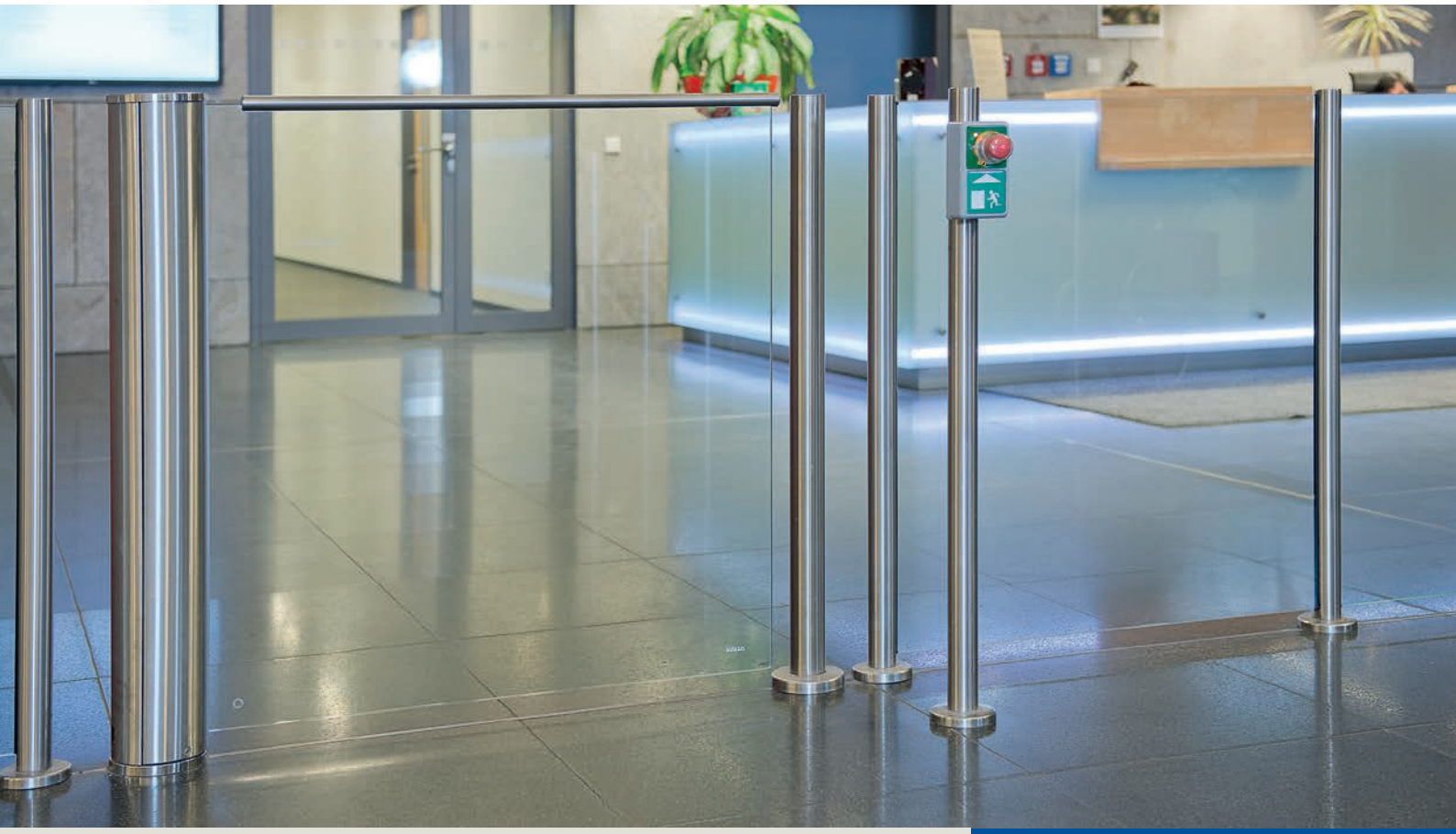
dormakaba



Half-height swing doors Pedestrian guiding bars Card reader posts

Accessories for swing doors, pedestrian guiding bars and card reader posts

Matching
Functional
Comprehensive

Adaptable design
The use of suitably designed swing doors, pedestrian guiding bars and card reader posts allows us to provide barrier-free access to our customers while at the same time ensuring a smooth process with automatic release.

Half-height swing doors
The swing doors are similar in design to dormakaba's half-height access units. They complement the access units and are ideal for goods transport or as barrier-free access for wheelchair users. All automatic swing doors can be connected to access control systems.

Pedestrian guiding bars
Pedestrian guiding bars professionally block all half-height dormakaba units from the immediate environment. Pedestrian guiding bars bridge gaps to walls, lifts or to the reception. The timeless stainless steel design elegantly fits into any environment. All pedestrian guiding bars are suitable for installation outdoors.

Card reader posts
High-grade stainless steel reader posts round off all dormakaba access systems. Readers for access control are professionally integrated within them. The slot is linked to the read function with certain supporting columns, to ensure that identity cards can be returned with ease on leaving a building or premises.

Ritschenhaus
Lagune

Benefits of half-height swing doors, pedestrian guiding bars and reader posts

An ideal addition for every entry system

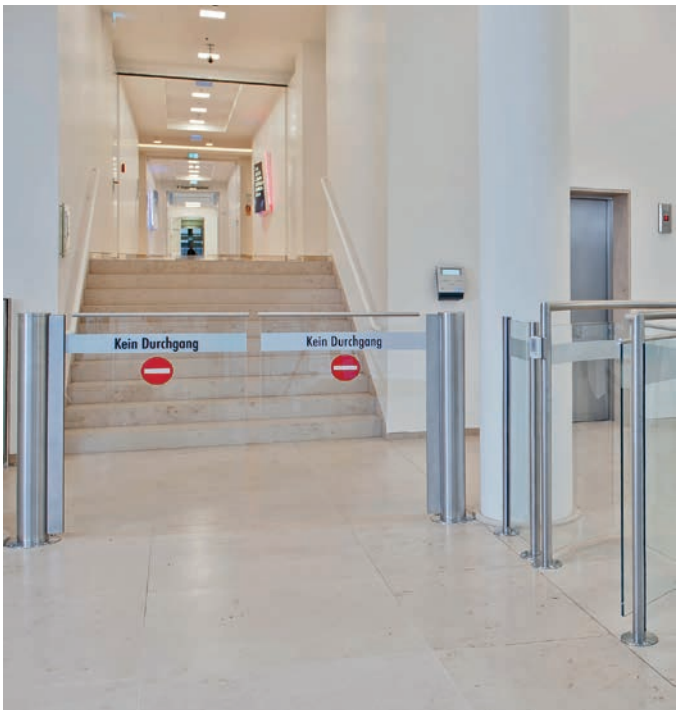
Half-height swing doors, HSD
- Adaptable design
- Delicate transparent elements in stainless steel and glass
- Ideal addition for tripod barriers, half-height turnstiles, sensor barriers and for goods transportation and barrier-free access
- Comfortable passage with servo drive
- Quiet, noiseless operation
- Unit also opens under load
- Unit locks in any position
- Separation of drive and locking forces
- Low energy consumption
- Suitable for use in emergency and escape routes
- Simple assembly on finished floor level

Pedestrian Guiding Bars, PGB
- With or without glass panel
- Simple assembly on finished floor level
- Suitable for outdoor installation

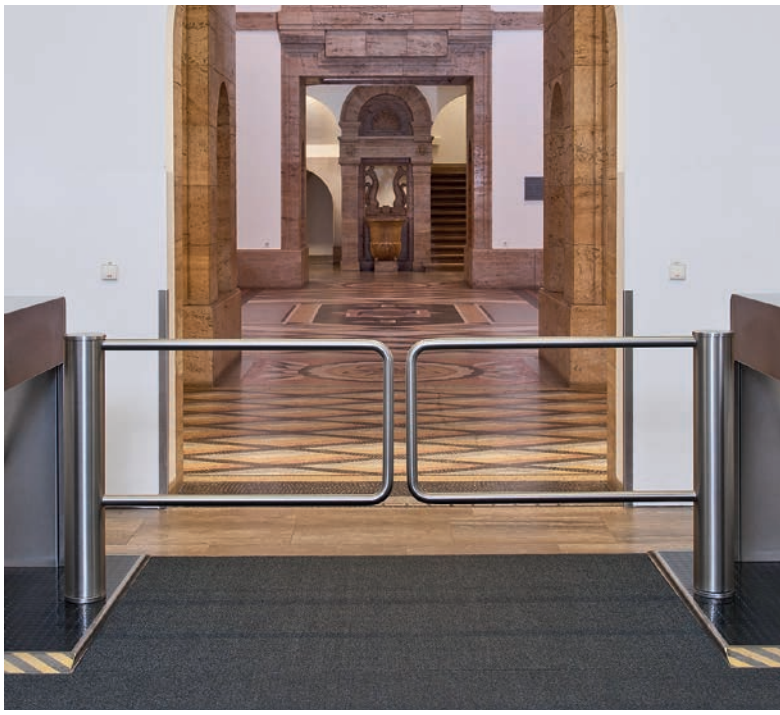
Card Reader Posts, CRP
- Prepared for customer installation of a Legic® LA-PP antenna and dormakaba AM control unit
- Adaptation to other reader systems is possible
- Presence detection for unreadable cards
- Simple assembly on finished floor level
- Weather protective hood for outdoor installation

The automatic half-height swing doors offer a barrier-free solution.

The ideal solution for any entrance



Door column and door leaf raised to upper edge 1200 mm

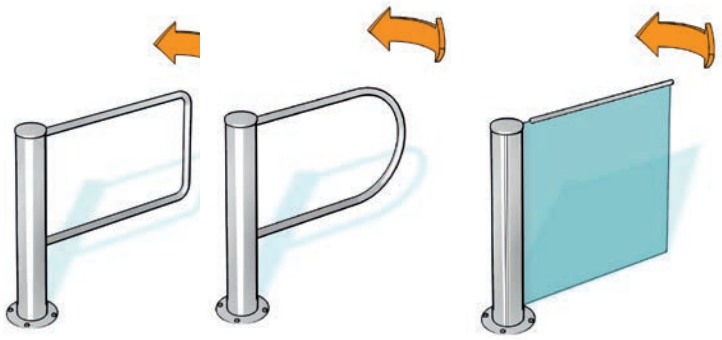


Mobile application on pallet

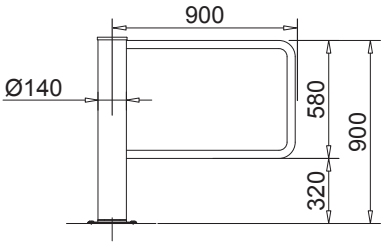
Card reader post with escape route terminal

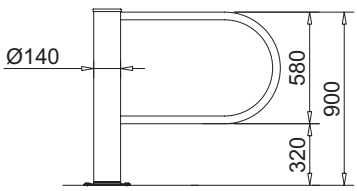
Card reader post combined with swing door and pedestrian guiding bar

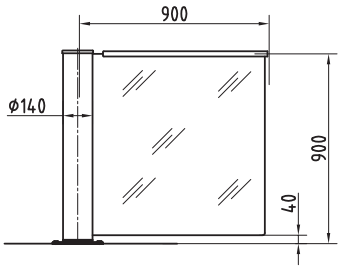
Half-height swing doors



Standard units		HSD-E01 HSD-E02	HSD-E03
Construction	Tubular column	Made of AISI 304 stainless steel, Ø 140.	Made of AISI 304 stainless steel, Ø 140.
	Barrier element	U-shaped, Ø 40 made of AISI 304 tubular stainless steel.	Full-height glass element, 10 mm TSG with straight handle bar.
	Leaf radius	900	900
	Leaf upper edge	900	900
		Locking system, drive and toothed holding brake installed in tubular column.	Locking system, drive and toothed holding brake installed in tubular column.
Finish		Stainless steel satin finish.	Stainless steel satin finish.
Function		Type 2*	Type 2*
		90° opening in entrance and exit directions.	90° opening in entrance and exit directions.
Electrical equipment		Control unit and power supply unit in an external switch cabinet H = 283 / W = 168 / D = 115.	Control unit and power supply unit in an external switch cabinet H = 283 / W = 168 / D = 115.
	Power supply	100–240 VAC 50/60 Hz.	100–240 VAC 50/60 Hz.
Installation		Dowelled on finished floor level, FFL.	Dowelled on finished floor level, FFL.
		Suitable for outdoor installation.	Not suitable for outdoor installation.
Protection classes		Housing IP43, components conducting supply voltage IP54.	Housing IP43, components conducting supply voltage IP54.

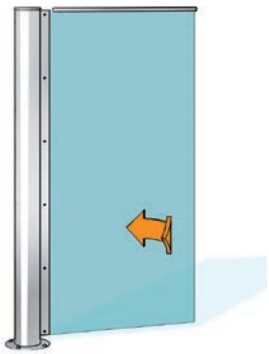






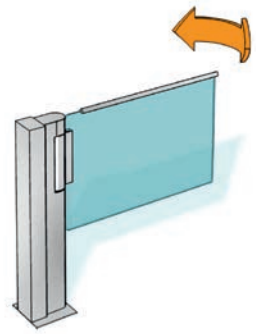
* Type 2: Power-assisted motion, servo positioning drive/electrically controlled in 2 directions

All dimensions in mm

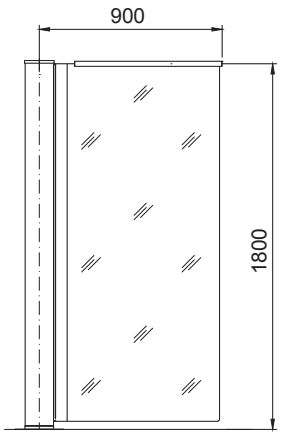


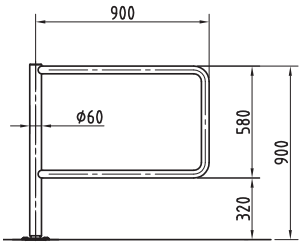
HSD-E06
In stainless steel AISI 304, Ø 140 with flat steel bar to clamp the high element.
Full-height glass element, 10 mm TSG with straight handle bar.
900
1800
Locking, drive and toothed holding brake installed in tubular column.
Stainless steel satin finish.
Type 2*
90° opening in entrance and exit directions.
Control unit and power supply unit in an external switch cabinet H = 283 / W = 168 / D = 115.
100–240 VAC 50/60 Hz.
Dowelled on finished floor level, FFL.
Not suitable for outdoor installation.
Housing IP43, components conducting supply voltage IP54.

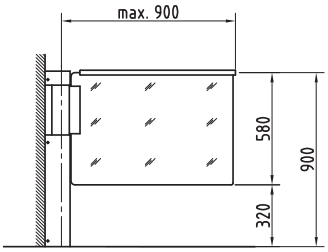
HSD-L01
Made of AISI 304 stainless steel, Ø 60.
U-shaped, made of tubular stainless steel. AISI 304, Ø 40 mm.
900
900
Stainless steel satin finish.
Type 0*
90° opening in entrance and exit directions, mechanically lockable in three positions.
Dowelled on finished floor level, FFL.
Not suitable for outdoor installation.



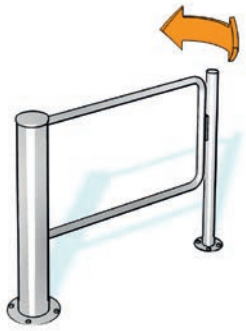
HSD-L06
Half column (W = 130 mm/D = 90 mm) as drive housing made of AISI 304 stainless steel.
Transparent polycarbonate door leaf with horizontal aluminium hand rail painted in RAL 9006.
900
900
Stainless steel satin finish.
Type 2****
90° opening in entrance and exit directions.
Control unit and power supply unit integrated into the housing.
100–240 VAC 50/60 Hz.
Wall mounting/dowelled.
Not suitable for outdoor installation.

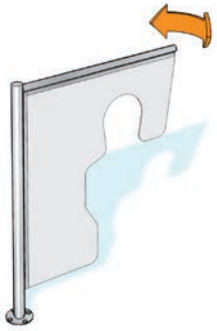




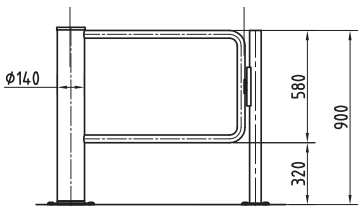


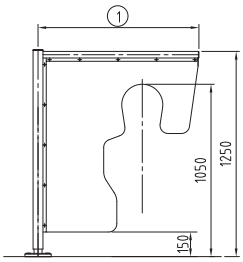
Half-height swing doors





Standard unit		**HSD-L07**	**HSD-L08**
Construction	Tubular column	Made of AISI 304 stainless steel, Ø 140.	Made of AISI 304 stainless steel, Ø 60 with emergency exit function.
	Barrier element	U-shaped, made of tubular AISI 304 stainless steel, Ø 40.	Multi-layer panel with opening for children.
	Leaf radius	960	980
	Leaf upper edge	900	1250
Finish		Stainless steel satin finish.	Stainless steel satin finish.
Function		Type 0*	Type 0*
		90° mechanical opening in one direction/ opposite direction blocked. Locking with electric door opener (in stainless steel post, Ø 60 mm), incl. door check and anti-lift security to prevent opening.	Mechanically free in both directions, 90° opening in entrance and exit directions. When the swing door is opened, an acoustic signal sounds. Manual motion from the zero position with a force of 90 Nm on the front door leaf end.
Electrical equipment		24 V DC power supply for electrical door opener supplied by the customer, on-site control.	-
Installation		Dowelled on finished floor level, FFL.	Dowelled on finished floor level, FFL.
		Not suitable for outdoor installation.	Not suitable for outdoor installation.





* Type 2: Power-assisted motion, servo positioning drive/electrically controlled in 2 directions

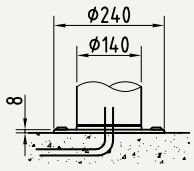
All dimensions in mm

Options (depending on unit type)

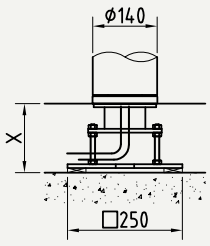
HSD types Construction	HSD-E01	HSD-E02	HSD-E03	HSD-E06	HSD-L01	HSD-L06	HSD-L07	HSD-L08
Glass element, slanted.			•					
Glass element, half-height.			•					
Passage width 1000 mm.	•	•	•	•	•		•	
Passage width: minimum 650 mm, max. 1200 mm, max. 999 mm for HSD-E03.	•	•	•	•	•		•	
Passage width: For height 1600 mm, leaf radius max. 1100 mm; for height 1400 mm max. 1200 mm.				•				
Special leaf width: minimum 650 mm.	•	•	•	•	•	•	•	•
Door leaf panel in TSG (sealed at the top and bottom).	•	•			•		•	
Special height: Door leaf raised to max. 1200 mm, 1400 mm or 1600 mm on HSD-E06.	•	•	•	•	•		•	
Function								
Master for linking two units as a double swing door.	•	•	•	•		•		
effeff 331 escape route door opener incl. catch lock and adapter console.							•	
Electrical equipment								
Operating panels and frames or surface mount housing.	•	•	•	•		•		
Additional circuit boards for expanding existing inputs and outputs.	•	•	•	•				
Distribution board (connection of max. 4 OPL05 possible).	•	•	•	•				
Installation								
Mounting plate with variable substructure, measure X = 80 - 180 mm.	•	•	•	•	•		•	
Cast-in with floor element.	•	•	•	•	•		•	

Installation variants for half-height swing doors

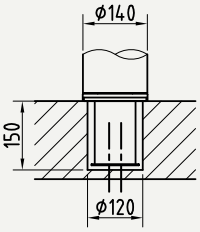
Dowelled on finished floor level (standard)



With mounting plate on sub floor level



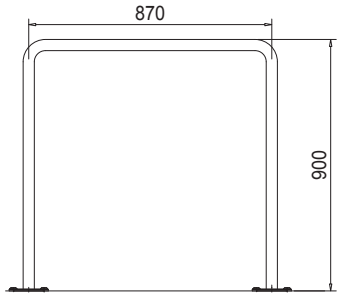
Cast-in in finished floor level

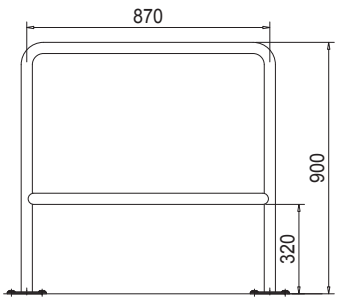


All dimensions in mm

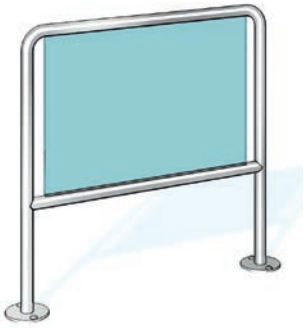
Pedestrian guiding bars

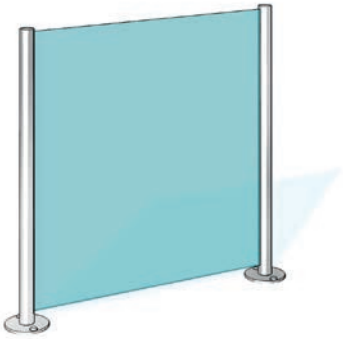
Standard units		PGB-E01	PGB-E02
Construction	Description	Pedestrian guiding bars made of semi-gloss AISI 304 tubular stainless steel, Ø 40 mm.	Pedestrian guiding bars with guiding rail, height 320 mm made of semi-gloss AISI 304 tubular stainless steel, Ø 40 mm.
	Total height	900	900
	Dimension between axes	870	870
Finish		Stainless steel satin finish.	Stainless steel satin finish.
Installation		Dowelled on finished floor level, FFL.	Dowelled on finished floor level, FFL.
		Suitable for outdoor installation.	Suitable for outdoor installation.





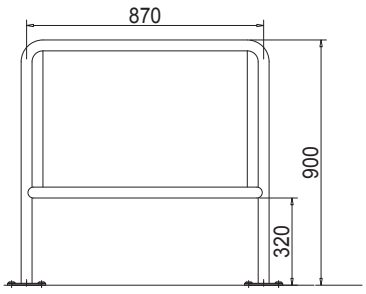
All dimensions in mm

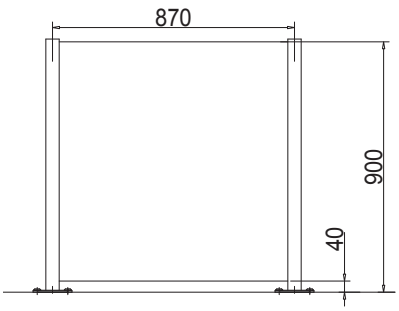




PGB-E03
Pedestrian guiding bars with guiding rail, height 320 mm made of semi-gloss AISI 304 tubular stainless steel, Ø 40 mm and TSG glass panel.
900
870
Stainless steel satin finish.
Dowelled on finished floor level, FFL.
Suitable for outdoor installation.

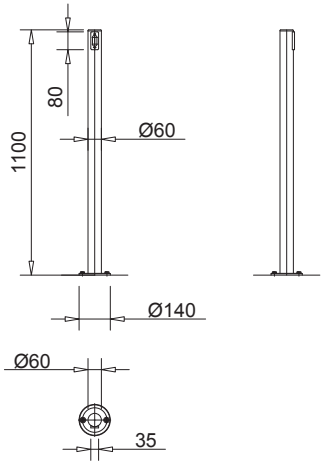
PGB-S01
Pedestrian guiding bars as variable full glass barrier system with two semi-gloss AISI 304 tubular stainless steel end posts, Ø 48 mm and glass panel.
900
870
Stainless steel satin finish.
Dowelled on finished floor level, FFL.
Suitable for outdoor installation.

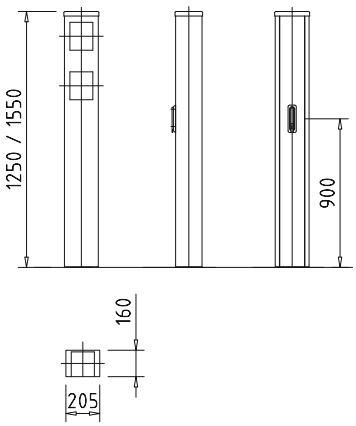




Card reader posts

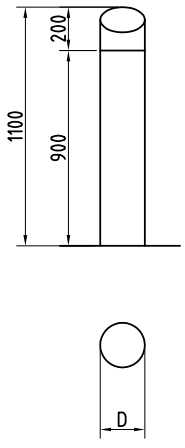
Standard units		CRP-E01	CRP-E03
Construction	Description	Card reader post made of tubular stainless steel AISI 304 with aluminium spacer 80 x 35 mm coated in RAL 9006 and with cable bore for customer's reader plate (surface-mounted).	Supporting column made of AISI 304 stainless steel with removable inspection opening for installation of components provided by the customer (max. installation dimensions H = 170 / W = 140 / D = 150)
	Height	1100	1250 optional 1550.
	Width	–	205
	Depth	–	160
	Diameter	48 optional 60.	–
Finish		Stainless steel satin finish.	Stainless steel satin finish.
Application		Designed for small card reader (to be installed by the customer).	Suitable for different reader formats or multiple different device installations.
Electrical equipment	Power supply	–	–
Installation		On finished floor level, FFL.	On finished floor level, FFL.
		Suitable for outdoor installation.	Suitable for outdoor installation.
Note			

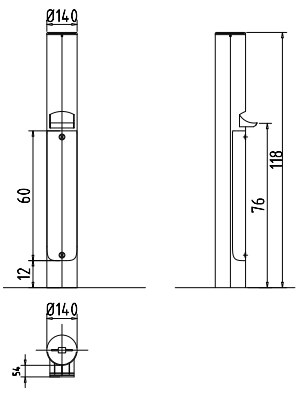


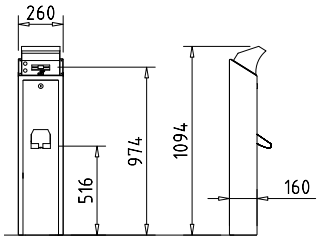


All dimensions in mm

CRP-C01	CRP-M01	CRP-M02
Card reader post made of AISI 304 tubular stainless steel with bevelled head (30°). Device installations must be checked on an individual basis.	Card reader posts made of AISI 304 tubular stainless steel for verifying and collecting identification, together with protective cover and clip holder (length 90 mm / width 63 mm / depth 5 mm). Integrated card-return tray, signal unit (red/green) in the horizontal cover, card-insert slot plus slot lock and lockable cassette. Presence detection for unreadable cards.	Card reader posts made of AISI 304 stainless steel for verifying and collecting identification, together with protective cover and clip holder (length 90 mm/width 63 mm/ depth 5 mm). With weather protective hood for outdoor installation. Integrated card-return tray, signal device (red/green) in the inclined cover, card-insert slot plus slot lock and lockable cassette. Presence detection for unreadable cards.
1100	1180	1094
–	–	260
–	–	160
206 optional 140.	140	–
Stainless steel satin finish.	Stainless steel satin finish.	Stainless steel satin finish.
Attractively designed high-quality variants suitable for small card readers and signal devices.	Prepared for customer installation of a Legic® LA-PP antenna and dormakaba AM control unit Adaptation to other reader systems on request.	Prepared for customer installation of a Legic® LA-PP antenna and dormakaba AM control unit Adaptation to other reader systems on request.
–	24 VDC.	100–240 VAC 50/60 Hz.
On finished floor level, FFL.	On finished floor level, FFL.	On finished floor level, FFL.
Suitable for outdoor installation.	Not suitable for outdoor installation.	Suitable for outdoor installation.
		When installed outdoors, RFID cards must be used with a protective cover.

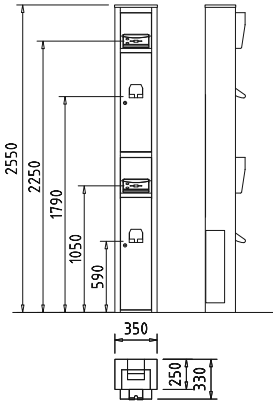






Card reader posts

Standard units		CRP-M03
Construction	Description	Card reader posts made of AISI 304 stainless steel for verifying and collecting identification, together with protective cover and clip holder (length 90 mm / width 63 mm /depth 5 mm) and weather protective hood. Integrated card-return tray, flat signal device (red/green) in the inclined cover and lockable cassette. Presence detection for unreadable cards.
	Height	2550
	Width	350
	Depth	250
	Diameter	–
Finish		Stainless steel satin finish.
Application		Prepared for customer installation of a Legic® LA-PP antenna and dormakaba AM control unit Adaptation to other reader systems on request.
Electrical equipment	Power supply	100–240 VAC 50/60 Hz.
Installation		On finished floor level, FFL.
		Suitable for outdoor installation.
Note		When installed outdoors, RFID cards must be used with a protective cover.



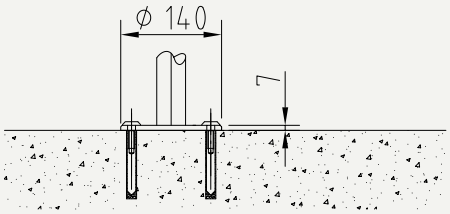
All dimensions in mm

Options (depending on unit type)

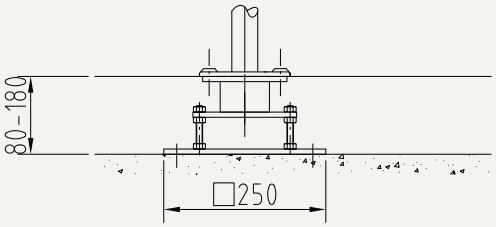
PGB types Construction	PGB-E01	PGB-E02	PGB-E03	PGB-S01
Dimension between axes 500 - 1500 mm or 1501 - 3000 mm in contrast to standard of 870 mm.	•	•	•	•
Middle post for dimension between axes > 1500 mm.	•	•	•	•
Glass panel 10 mm toughened glass, visible edges ground and polished.				•
Installation				
Mounting plate with variable substructure, dimension X = 80 - 180 mm.	•	•	•	•

Installation variants for pedestrian guiding bars

Dowelled on finished floor level (standard)



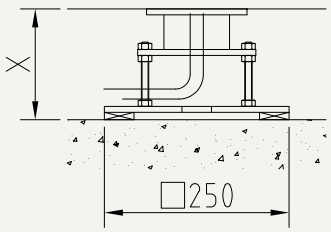
Mounting plate and variable substructure on sub floor level



CRP types Electrical equipment	CRP-E01	CRP-E03	CRP-C01	CRP-M01	CRP-M02	CRP-M03
Installation preparation on flat surface: rectangular cut-out for components provided by the customer.		•	•			
Installation preparation with flush-mounted socket for installation of components provided by the customer.		•	•			
Installation preparation for concealed reader installation behind PMMA plate with hand-map icon.		•	•			
Legic Antenna LA-PP integrated, incl. dormakaba AM control.				•	•	•
Installation						
Mounting plate with variable substructure, dimension X = 80 - 180 mm.	•	•	•	•	•	•

Reader post installation variants

Mounting plate



subject to modification · 31695EN 01•2017

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