

pKT Door handle

The pKT Door handle is compatible with many European lock standards. The different versions allow its use in all commonly-used door types, such as wood, steel and aluminium as well as narrow frame doors with a backset of more than 20 mm. This means that it is suitable for both new builds and for retrofitting in existing locations. Thanks to its timeless, simple stainless steel design, it blends well into every environment.

The reader unit with the communication electronics, the mechanics and the power supply are located directly in the door handle.

Most transponder types can be used as a credential, including for example, ISO cards and key fobs.

Advantages

- ▶ Timeless stainless steel design
- ▶ Different handle designs available
- ▶ With optional round or oval rosettes, short plate, long plate narrow and wide
- ▶ Key rosette blank, for profile cylinder (PC) or Swiss profile cylinder (CHR)
- ▶ 100% pKT compatibility

Features

- ▶ Toggle mode option (open with first booking, close with next, open with next, etc.)
- ▶ Compatible with commonly-used European lock standards; existing locks can be used
- ▶ Suitable for all wood, steel and aluminium doors as well as narrow frame doors with a backset of more than 20 mm and for all doors with a door leaf thickness from 30 to 110 mm
- ▶ Possible spindle dimensions: 7, 8, 8.5, 9 and 10 mm; continuous square spindle
- ▶ No wiring required; existing DIN boreholes can typically be used; diameter of the borehole for the handle shank (rosette versions) 24 mm
- ▶ Battery compartment located in the housing, accessible from the outside
- ▶ Automatic daylight saving time changes
- ▶ Permanent external handle engagement possible, without additional power consumption
- ▶ Internal handle is mechanically fixed to allow egress at all times
- ▶ Electronic reader unit can be installed inside and outside, if required
- ▶ MIFARE® and LEGIC versions available
- ▶ Indoor version suitable for use with fire and smoke protection doors, depending on model
- ▶ IP66 version, suitable for outdoor use in a secured area
- ▶ IP66 version suitable for use with fire and smoke-protection doors, depending on model
- ▶ Up to 50,000 operations with one battery set (MIFARE® DESFire®)
- ▶ Up to 30,000 operations with one battery set (LEGIC advant®)

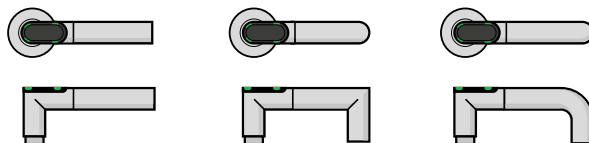
Technical data

Dimensions	Round rosette (Ø)	55 mm
	Oval rosette (L x W)	66 x 36 mm
	Short plate	170 x 46 mm
	Long plate, narrow	290.8 x 42.4 mm
	Long plate, wide	290.4 x 64.4 mm
Power supply		1 x CR123A 3V battery
Temperature	Operation	+ 5 °C to +55 °C (indoor version) -25 °C to +65 °C (IP66 version)
	Storage	-40 °C to +65 °C
Mounting location		Indoor (indoor version) Protected outdoor area (IP66 version)
	Protection class	IP66 (IP66 version)
Standards/Approvals		prEN 16867:2015 EN 61000-4-2:2009 EN 61000-4-3:2006 + A1:2008 + A2:2010 EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1 EN 302 291-1 V1.1.1 EN 302 291-2 V1.1.1 EN 300 330-1 V1.8.1 EN 300 330-2 V1.6.1 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN 62479:2010 RL 1999/5/EG CE

Door handles

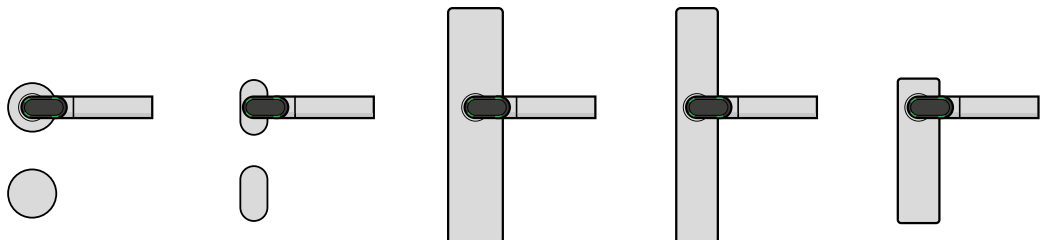
Electronic door handle with round rosette

Shape ——— L-Shape L1 ——— U-Shape U1 ——— U-Shape U2



Rosettes and plates

Shape ——— Round rosette ——— Oval rosette ——— Long plate, wide ——— Long plate, narrow ——— Short plate



Ordering Information

pKT Door handle – Versions

I185-XYZABCDEF.01 LEGIC – LEGIC advant®, LEGIC prime
 I186-XYZABCDEF.01 MIFARE® – MIFARE Classic®, MIFARE® DESFire® EV1

- XX** ————— 11 — Round rosette without key rosettes
 12 — Round rosette with key rosettes blind
 13 — Round rosette with key rosettes, PC
 14 — Round rosette with key rosettes, CHR
 21 — Oval rosette without key rosettes
 22 — Oval rosette with blind rosettes
 23 — Oval rosette with key rosettes, PC
 24 — Oval rosette with key rosettes, CHR
 31 — Short plate, inside plate, blank
 32 — Short plate, inside plate, PC
 33 — Short plate, inside plate, CHR
 41 — Long plate, narrow, inside plate, blank
 42 — Long plate, narrow, inside plate, PC
 43 — Long plate, narrow, inside plate, CHR
 44 — Long plate, narrow, inside rosettes, blank
 45 — Long plate, narrow, inside rosettes, PC
 46 — Long plate, narrow, inside rosettes, CHR
 51 — Long plate, wide, inside plate, blank
 52 — Long plate, wide, inside plate, PC
 53 — Long plate, wide, inside plate, CHR
 54 — Long plate, wide, inside rosettes, blank
 55 — Long plate, wide, inside rosettes, PC
 56 — Long plate, wide, inside rosettes, CHR
- Y** — Door leaf thickness ————— 1 — Door leaf thickness 30-38 mm
 2 — Door leaf thickness 39-47 mm
 3 — Door leaf thickness 48-56 mm
 4 — Door leaf thickness 57-65 mm
 5 — Door leaf thickness 66-74 mm
 6 — Door leaf thickness 75-83 mm
 7 — Door leaf thickness 84-92 mm
 8 — Door leaf thickness 93-101 mm
 9 — Door leaf thickness 102-110 mm
- Z** — Handle versions ————— 0 — L-Shape L1
 1 — U-Shape U1
 2 — U-Shape U2
- A** — Material ————— 0 — Stainless steel
- B** — Handles ————— 1 — Electronic door handle left pointing / Mechanical door handle right pointing
 2 — Electronic door handle right pointing / Mechanical door handle left pointing
 3 — Electronic door handle on both sides – inside left pointing / outside right pointing
 4 — Electronic door handle on both sides – inside right pointing / outside left pointing
- C** — Vierkant ————— 0 — 7 mm
 1 — 8 mm
 2 — 9 mm
 3 — 10 mm
 4 — 8.5 mm
- D** — Version ————— 0 — Standard
 1 — Version for fire- and smoke-protection doors
 2 — Version for fire- and smoke-protection doors including escape doors
 3 — Version IP66

Only required with the plate option: Always select 0 with the rosette option

- E** — Distance ————— 0 — Without
 1 — 70 mm
 2 — 72 mm
 3 — 74 mm
 4 — 78 mm
 5 — 85 mm
 6 — 88 mm
 7 — 92 mm
 8 — 94 mm
- F** — Through-hole ————— 0 — No
 1 — Yes

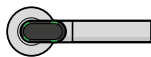
Accessories / Spare parts

- Z071-090.01 ————— Lithium battery, CR123A 3 V
- Z230-003.01 ————— Universal drilling template (BL 305.6.10U)
- Z220-001.01 ————— Wireless adapter with diagnostics / programming unit (incl. USB interface) for technicians
- Z223-677100000004.01 - Seal kit for IP66 electronic door handle
- Z230-002.01 ————— Installation tool;
 – Gauge for determining cylinder lengths and door leaf thicknesses
- Z270-003.01 ————— Renovation adapter plate (SET) pKT Door handle
 for covering drilled holes for previously installed Comfort door terminals

Configuration examples

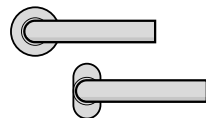
Electronic door handle

As version with round rosette



Mechanical door handle

Round rosette
 Oval rosette



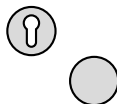
Handle version

L-Shape L1



Door handle key rosette

Round rosette, profile cylinder /
 Round rosette, blank



Handle

left pointing /
 right pointing

