

GAT DL 32x

Electronic locking cylinder

FACTS AT A GLANCE

- Multi-technology reader for all popular RFID technologies
- Fast installation without drilling
- No cabling required
- Suitable for all locks with DIN Europrofile or Swiss round profile cylinders
- Wireless interface for networking and configuration
- Automatic activation when approaching with data carrier or when turning the door knob
- Long battery life with latest generation LEGIC readers
- Fast and secure battery replacement (feasible while installed)



The GAT DL 320 and GAT DL 325 digital locking cylinders cover all the requirements for a modern access control system.

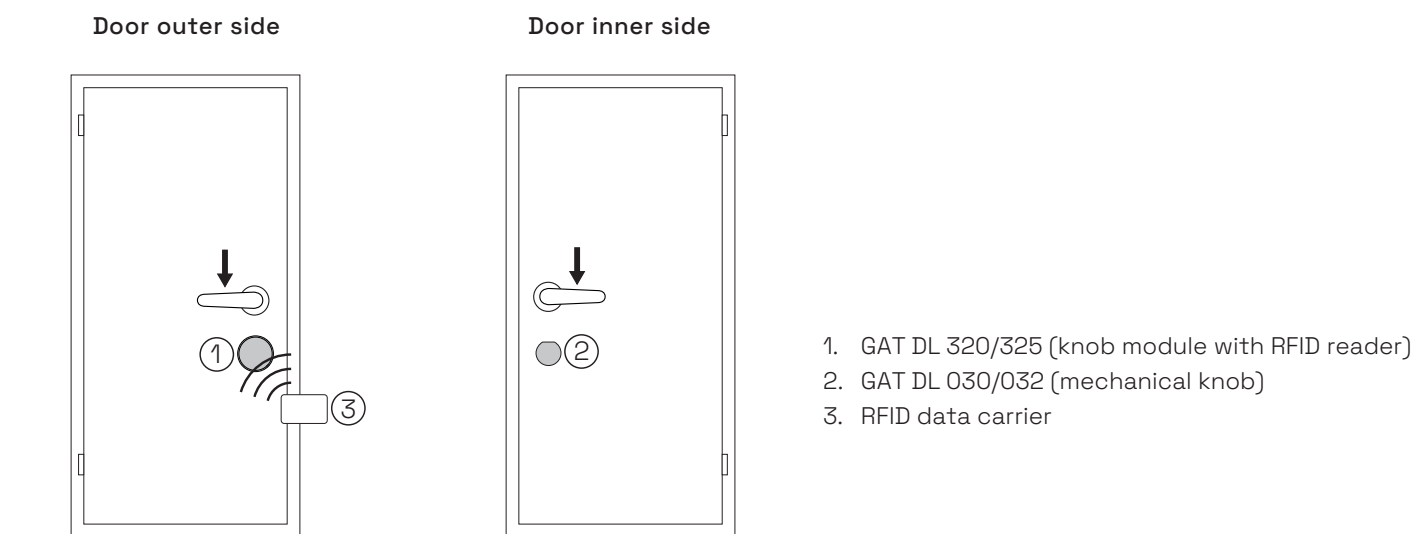
With a single product, different operating modes allows door authorizations with or without networking to be realized, for doors with a data carrier connection (CardNET) or a wireless connection (WiNET). To function as a “key”, all current RFID data carriers, such as employee IDs or key tags, can be used.

The reading unit and communication electronics as well as the mechanics and power supply are packaged neatly and hidden from view in the housing of the locking cylinder. The GAT DL 32x is suitable for tubular frame doors as it has a small electronic knob and thus leaves enough clearance to open the door, even with a small backset.

The modular design of the mechanism minimizes the installation time, while still offering impressive flexibility. Whether identification is required only on one side or on both sides of the door, whether a half cylinder or a security cylinder for emergency doors is required, does not matter; the GAT DL 32x is the perfect solution.



Typical application

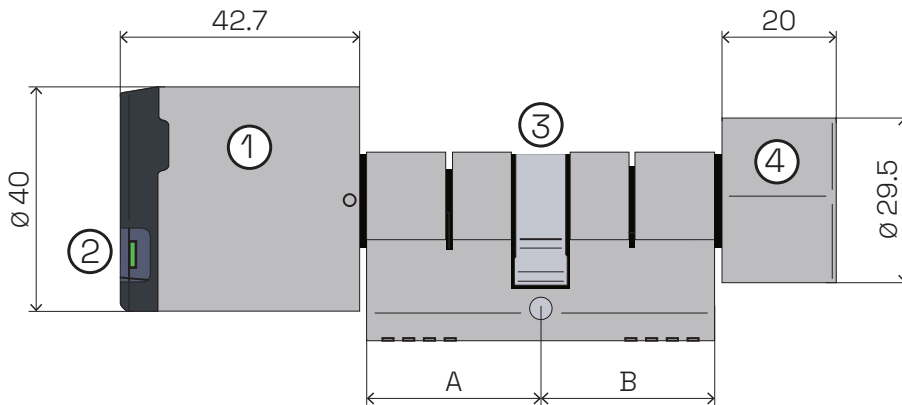


Technical data

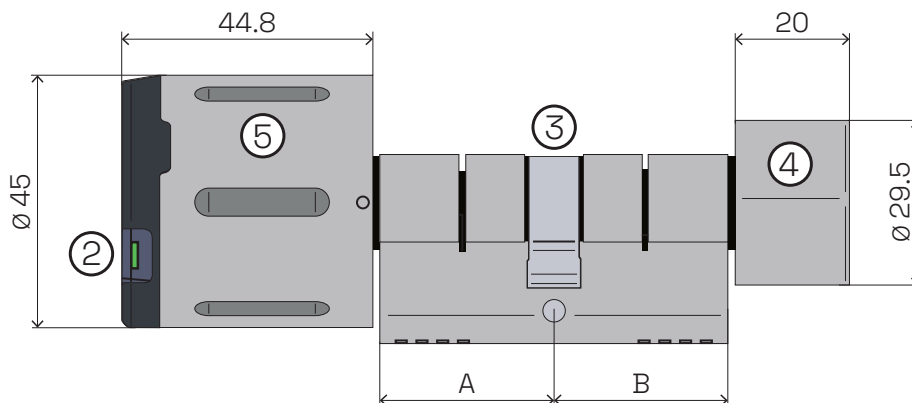
Power supply:	2 x 3 V Batterien, CR-2 (Batterie 3V Lithium CR2, Part No. 363277 - 2 pieces required) ATTENTION! Observe the battery specifications of the manufacturer: Panasonic CR-2PE/BN
Battery lifespan:	Typ. 20,000 operations
Transmission power:	200 mW
Reader type:	Multi-technology RFID reader (LEGIC advant)
Supported data carriers:	LEGIC prime, LEGIC advant, MIFARE® DESFire, ISO 15693, and HID iClass
Reading field frequency:	13.56 MHz
Radio frequency:	868 MHz
Identification:	Double-sided identification is only possible with a cylinder adapter length from 70 mm
Time measurement:	Integrated real-time clock with date functionality
Signaling elements:	- LED (multicolor) - Beeper
Coupling time:	Programmable from 1 to 15 seconds
Dimensions:	
- Knob module (GAT DL 320):	Ø 40 x 42.7 mm
- Knob module (GAT DL 325):	Ø 45 x 44.8 mm
- Mech. knob:	Ø 29.5 x 20 mm
Operating temperature:	-25 to +65 °C*
Storage temperature:	-40 to +65 °C
Humidity:	max. 80% rH (non-condensing)
Protection type	
- Knob module (GAT DL 320):	IP65
- Knob module (GAT DL 325):	IP66
Environment class (VdS 2110):	II (conditions in indoor areas)
Compliance:	CE

Device features and dimensions

GAT DL 320 with profile cylinder GAT PZ A/B



GAT DL 325 with profile cylinder GAT PZ A/B



1. Knob module with RFID reader
2. LED for signaling
3. Locking cylinder*
4. Mechanical knob for opening from inside (GAT DL 030/032)
5. Knob module with reader electronics (GAT DL 325)

* The figure shows a profile cylinder. The following cylinder types are available:

- Profile cylinder
- Profile cylinder with anti-panic function
- Half cylinder
- Round cylinder
- Round-half cylinder

The locking cylinders are available with different length A (outer/electronic) and B (inner/mechanical). Also see the ACCESS price list.

Order information

Description	Part No.
GAT DL 320 LEGIC advant knob module for use with profile or round cylinders, batteries included	776133
GAT DL 325 LEGIC advant knob module for use with profile or round cylinders, IP 66 housing type, batteries included	490126
GAT DL 030 Mech. knob for profile cylinder, Ø 29.5 mm	297737
GAT DL 032 Mech. knob for round cylinder, Ø 29.5 mm	297838

Accessories

Description	Part No.
GAT DL 032 Demount Demount adapter for mech. knob of round cylinders	314222
GAT DL 090 USB USB wireless adapter for GAT DL 3xx incl. mobile power supply	876437
GAT DL 090 USB USB wireless adapter for knob modules and door fittings	314121
GAT DL x20 Battery Tool Battery changing tool for knob modules, 5 pieces per packing unit	314323
GAT DL x20 Power Adapter Emergency power supply for knob modules	314424
GAT DL x20 Logo Demount Demount tool for logo discs, 100 pieces per packing unit	314626
GAT ST220/DL320 Battery Replacement CR-2 Lithium 3V battery for GAT DL 320/325	363277
GAT DL 325 O-Ring Seals 5 Sets 5 piece O-ring seal set for GAT DL 325, replacement of the O-ring seals is mandatory after a battery change	490227

Accessories

Description	Part No.
GAT PZ A/B Profile cylinder adapter, length A and B = 26, 30, 35, 40, 45, 50, 55, 60, 65, 70, 99 mm (see price list for combinations)	see PL
GAT HZ A/B Half cylinder adapter, length A = 30, 35, 40, 45, 50, 55, 60, 65, 70 mm and length B = 10 mm	see PL
GAT PZ AP A/B Anti-panic profile cylinder adapter for knob modules, inside knob Ø 29.5 mm fix mounted, length A and B = 30, 35, 40, 45, 50, 55, 60, 99 mm (see price list for combinations)	see PL
GAT RZ A/B Round cylinder adapter, Ø 22 mm, length A and B = 32, 37, 42, 47, 52, 57, 62, 67, 72, 99 mm (see price list for combinations)	see PL
GAT RZ HZ A/B Round-half cylinder adapter, length A = 32, 37, 42, 47 mm and length B = 10 mm	see PL
GAT DL 200 Master Key Set LEGIC prime data carrier set including Programming, Delete, Battery, WiNET and Demount data carriers	282728
GAT Passkey Management Card 200 B, cod For general and fire service keys in a LEGIC system, coded with customer data	496738
GAT DL 300 Master Key Set LEGIC advant data carrier set including Programming, Delete, Battery, WiNET and Demount data carriers.	253022
GAT DL 300 Communication Card Service data carrier to enable communication between battery cylinders and door handles	737530
GAT DL 300 Data Secure Card Service data carrier to anonymize the bookings of battery cylinders and door handles	737631
GAT Authorisation Tag 400 B LEGIC prime authorization card for enabling access to write-protected segments	737421
GAT Authorisation Tag 400 BA LEGIC advant authorization card for enabling access to write-protected segments	368029