

ACTIVE TECHNOLOGY  
IDENTIFICATION MEDIA  
AND THEIR PROGRAMMING



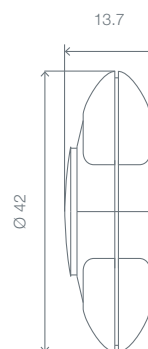
# TRANSPONDER 3064

G1

G2

Blue, red or brown, with bonded housing or consecutive numbering. There are virtually no limits to the variety of possible types of transponders: as a password or fire service transponder, an explosion-proof design or one with additional chip. Manage an incredible 304,000 locking devices with your transponder and open doors and gates up to a million times with a single battery.

A transponder is used for identification to operate digital locking cylinders, Smart Handles and Smart Relays in System 3060.



Measurements indicated in mm

## TECHNICAL SPECIFICATIONS

- ⌘ Housing made of black polyamide
- ⌘ Dimensions: 42 x 13.7 mm (Ø x H)
- ⌘ Protection rating: IP 65; with bonded housing: IP66
- ⌘ Typical read range: up to 40 cm to the locking cylinder/ Smart Handle; up to 120 cm to Smart Relay
- ⌘ Battery type: 1 x CR2032, 3 V, lithium
- ⌘ Battery life:
  - G1: up to 1 million lock operations or up to ten years on standby
  - G2: up to 400,000 million lock operations or up to ten years on standby
- ⌘ Temperature range: -25 °C to +65 °C
- ⌘ Environmental class: III
- ⌘ Number of locking devices which can be managed per transponder.
  - G1: up to 48,000
  - G2: up to 304,000
- ⌘ Adjustable validity period (activation/deactivation):
  - G1: up to 6 months in advance
  - G2: more than 10 years
- ⌘ Storage of datasets:
  - G1: 3 separate lock systems
  - G2: 3 G1 and 4 G2 lock systems
- ⌘ Physical access list with up to 1,000 storable access events (G2 version only)

## TRANSPONDER 3064

Transponder 3064 with dark red button

Transponder 3064 with brown button



## PRODUCT VERSIONS

Transponder 3064 ID medium in Digital Lock System 3060, in robust housing with blue buttons; diameter: 42 mm, protection rating: IP65 (for G1 only)	TRA
Transponder 3064 with G1 and G2 functions (discontinued)	TRA.G2
Transponder 3064 with G1 and G2 functions	TRA2.G2
Version with dark red button	.ROT
Version with brown button (available as G2 version only)	.BRAUN
Version with consecutive numbering throughout the whole ordered quantity (for G1 only)	.NR
Version with consecutive numbering as per customer requirements. Up to six alpha-numerical characters possible; minimum order of 100 devices	.NR.K
Version with bonded housing:	.SPEZ
Version with additional EM <sup>®</sup> 4102 chip (programmed by customer to operate third-party systems)	.RFID.EM
Version with additional EM <sup>®</sup> 4450 chip (programmed by customer to operate third-party systems)	.RFID.EM4450
Version with additional HITAG <sup>®</sup> 1 chip (programmed by customer to operate third-party systems)	.RFID.HITAG
Version with additional HITAG <sup>®</sup> 2 chip (programmed by customer to operate third-party systems)	.RFID.HITAG2
Version with additional ATMEL <sup>®</sup> ATA5567 chip (programmed by customer to operate third-party systems)	.RFID.AT5567
Version with additional HID <sup>®</sup> 1390 eProx chip (programmed by customer to operate third-party systems)	.RFID.HID
Version with additional HID <sup>®</sup> iClass (2k/2) chip (programmed by customer to operate third-party systems)	.RFID.ICLASS
Version with additional MIFARE <sup>®</sup> Classic (1k) chip (programmed by customer to operate third-party systems)	.RFID.MIFARE
Version with additional MIFARE <sup>®</sup> DESFire (2k) chip (programmed by customer to operate third-party systems)	.RFID.DESFIRE
Version with additional MIFARE <sup>®</sup> DESFire (8k) chip (programmed by customer to operate third-party systems)	.RFID.DESFIRE8K

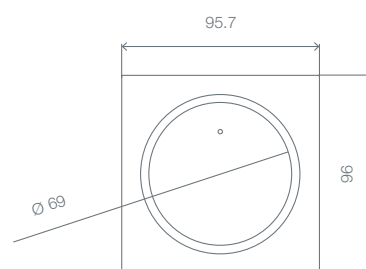
## TRANSPONDER 3064

Version with additional LEGIC® PRIME (MIM256) chip (programmed by customer to operate third-party systems)	.RFID.LEGIC
Version with additional LEGIC® PRIME (MIM1024) chip (programmed by customer to operate third-party systems)	.RFID.LEGIC1024
Version with additional LEGIC® Advant (128) chip (programmed by customer to operate third-party systems)	.RFID.ADVANT
Version with additional LEGIC® Advant (1024) chip (programmed by customer to operate third-party systems)	.RFID.ADVANT1024
Version with additional LEGIC® Advant (4096) chip (programmed by customer to operate third-party systems)	.RFID.ADVANT4096
Version approved for Explosion Protection Zone 1, certification: Intrinsic Safety ib, Zone 1, Group IIC, T3, II2G (for G1 only)	.EX
Version for fire service key tube with a minimum inner diameter of 33 mm	.FSR
Version with G2 functions for fire service key tube with a minimum inner diameter of 33 mm	.G2.FSR
Version to store lock system password (for G1 only)	.PWD
Switching transponder with two connection wires used to connect transponder to an isolated contact on an external device	.SCHALT
Switching transponder featuring G2 functions with two connection wires used to connect transponder to an isolated contact on an external device	.SCHALT.G2
10 lanyards High-quality transponder cord in a SimonsVoss design to hang around neck, with a metal clip to attach a transponder	TRA.BAND
5 transponder housing with blue button without electronics	TRA.GH
5 transponder housing with dark red button without electronics	TRA.GH.ROT
5 transponder housing with brown button without electronics	TRA.GH.BRAUN
5 batteries for transponder (type: CR2032)	TRA.BAT

# BIOMETRIC READER Q3008

G1

Also protect individual, restricted-access rooms with up to 50 users with the Q3008. Battery operated and installed without cabling, this reader is also highly suitable as a retrofit to existing 3060 systems. An ID is allocated to each finger scanned into the system. This allows users to operate all SimonsVoss locking components using their fingerprint. The Q3008 stores up to 50 different different finger prints and can be surface-mounted without any cabling.



Measurements indicated in mm

## TECHNICAL SPECIFICATIONS

- ⚡ Silver-coloured or white ABS plastic housing with POM insert
- ⚡ Biometric reader with an integrated fingerprint sensor
- ⚡ Dimensions: 96 x 95.7 x 21.5 mm (H x W x D)
- ⚡ Weight: about 115 g with battery
- ⚡ Not suitable for use outdoors when not protected
- ⚡ Typical read range: up to 40 cm to the locking cylinder/ Smart Handle; up to 120 cm to Smart Relay
- ⚡ Battery type: 1 x AA, 3.6V, lithium
- ⚡ Battery life: up to 70,000 lock operations or up to seven years on standby
- ⚡ Temperature range: -10 °C to +50 °C without condensation
- ⚡ Management of up to 50 users
- ⚡ Teach-in of user fingers controlled by master finger (optional)
- ⚡ Cable-free surface mount

## PRODUCT VERSIONS

Biometric Reader Q3008 Battery-operated, cabling-free biometric reader for mounting on wall, in silver-coloured housing, with integrated fingerprint sensor to manage up to 50 users	TRA.BIO.LESER
Version in white housing	.W
1 battery for biometric reader (type: AA)	TRA.LESER.BAT

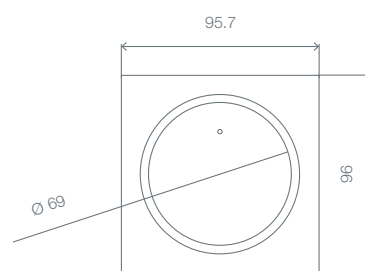
# PIN CODE KEYPAD 3068

# PIN CODE TERMINAL 3068

G1 G2

Open your doors with a 4- to 8-digit-code. You can install the ultra-slim PIN Code keypad both indoors and outdoors and even attach it to glass. No wiring is required. Save time and costs by issuing a special code for the entrance door for events such as seminars and evening meetings.

You can achieve even greater security with the PIN code terminal, which can also be combined with the use of a transponder when the number combination is entered.



Measurements indicated in mm

## TECHNICAL SPECIFICATIONS

### PIN CODE KEYPAD/TERMINAL 3068

- ⚡ Silver-coloured ABS plastic housing
- ⚡ Dimensions: 96 x 95.7 x 14 mm (H x W x D)
- ⚡ Weight: about 100 g including batteries
- ⚡ Protection rating: IP65
- ⚡ Typical read range: up to 40 cm to the locking cylinder/ Smart Handle; up to 120 cm to Smart Relay
- ⚡ Battery type: 2 x CR2032, 3V, lithium
- ⚡ Battery life: up to 100,000 lock operations or up to ten years on standby
- ⚡ 2-level battery warning system
- ⚡ Temperature range: -25 °C to +65 °C
- ⚡ Manipulation alarm
- ⚡ Activation of the SimonsVoss activation unit
- ⚡ Number of keypad users: 3 different PINs  
Number of terminal users: 500 different PINs
- ⚡ Cable-free surface mount
- ⚡ Received the IF Product Design Award 2006

## PRODUCT VERSIONS

PIN Code Keypad 3068 (for G1 systems) Battery-operated, cable-free PIN code keypad as an identification medium in Digital Lock System 3060, 3 different PINs, silver-coloured ABS plastic housing, protection rating IP65	TRA.PINCODE
PIN Code Terminal 3068 (for G2 systems) Battery-operated, cable-free PIN code terminal as an identification medium in Digital Lock System 3060, 500 different users, silver-coloured ABS plastic housing, protection rating IP65	TRA.PC.TERMINAL
5 batteries for PIN code keypad and PIN code terminal (type: CR 2032)	TRA.BAT

# SMART CLIP 3069

G1

Smart Clip 3069 is a card holder with an integrated SimonsVoss transponder. Plastic cards in ISO 7816 format can be inserted into the card holder, thus ensuring they are worn where they can be seen.



## TECHNICAL SPECIFICATIONS

- ⚡ Casing made of transparent plastic with metallised plastic clasp (polycarbonate/polyamide)
- ⚡ Dimensions: 66 x 97.9 x 18 mm (H x W x D)
- ⚡ Weight: about 33 g with battery
- ⚡ Protection rating: IP 52
- ⚡ Typical read range: up to 40 cm to the locking cylinder/ Smart Handle; up to 120 cm to Smart Relay
- ⚡ Battery type: 1 x CR2032, 3V, lithium
- ⚡ Battery life: up to 1 million lock operations or up to ten years on standby
- ⚡ Temperature range: 0 °C to +60 °C
- ⚡ Received the IF Product Design Award 2006

## PRODUCT VERSIONS

Smart Clip 3069 Transponder and card holder to display a card in ISO 7816 format, including clip; clip on left	TRA.DTC
Version with clip on right	.R
Version with pre-cut fastening slot	.S
5 batteries for Smart Clip (type: CR2032)	TRA.BAT

# PROGRAMMING

Programming Device Smart CD

USB config device – G2



There are different options for offline programming, depending on the lock system size:

- ⚡ Small G1 lock systems can be configured without software using Programming Transponder 3067.
- ⚡ Small G2 lock systems can be configured using the USB config device in conjunction with the LSM-Starter software.
- ⚡ Large systems are managed with the Locking System Management software (LSM). The lock plan is produced on a PC. The data are then transferred to the digital components using Programming Device Smart CD
- ⚡ Alternatively, lock plans can be transferred to a PDA/netbook which communicates with the Smart CD using Bluetooth or USB.
- ⚡ Can also be programmed online; see Multi-networking.

## TECHNICAL SPECIFICATIONS FOR SMART CD

- ⚡ Housing made of dark-grey polyamide
- ⚡ Dimensions: 112 x 63 x 22 mm (H x W x D)
- ⚡ Protection rating: IP 20
- ⚡ Battery type: 2 rechargeable li-ion manganese batteries
- ⚡ Recharged via USB port
- ⚡ Temperature range: -5 °C to +40 °C

## TECHNICAL DATA FOR USB CONFIG DEVICE

- ⚡ Programming: SimonsVoss Active Technology, 25kHz
- ⚡ LSM version: LSM Starter
- ⚡ Operating system: Windows XP SP3 and higher
- ⚡ USB port: USB type A, USB 2.0
- ⚡ Dimensions: W x H x D - (57)70 x 19 x 13 mm
- ⚡ Read range: 10-30 cm
- ⚡ Power supply: via USB connector, no internal battery
- ⚡ Protection rating: IP40
- ⚡ Temperature range: -10 to +60°C
- ⚡ Humidity: 95% (non-condensing)



## PROGRAMMING

Programming Transponder 3067 – G1

USB config device – G2



## PRODUCT VERSIONS

## Programming device

To connect to a USB port on a PC or laptop. Can be operated using Bluetooth on a Windows Mobile PDA (approved device: PDA.XX.DE) as a portable solution. Included in supply package: Programming Device Smart CD, CD ROM with manual and USB drivers, 2 integrated rechargeable batteries. Required software: a SimonsVoss lock plan software is always needed when used with a PC or laptop. LSM Mobile Edition is also required when used with a PDA.

SMART CD.G2

## PDA

With Windows Mobile operating system and Bluetooth technology, in conjunction with Smart CD and LSM Mobile Edition as a programming device for System 3060 (SmartCD and LSM Mobile Edition are not included in the supplied package and must be ordered separately)

PDA.XX.DE

## Netbook

With Windows 7 Starter operating system in conjunction with Smart CD and LSM Mobile Edition as a programming device for System 3060 (SmartCD and LSM Mobile Edition are not included in the supplied package and must be ordered separately)

NB.WM.ML

## Programming Transponder 3067 (for G1)

For simple programming of cylinders and transponders in small lock systems (Smart CD/software is not needed)

CD.PROG

## USB config device

To programme active components. To connect to a USB port on a PC. in conjunction with LSM Starter only.

CD.STARTER.G2

## Als Gateway

Smart Relay 2 usable as a Gateway for virtual networking of active transponders, with access control, time zone control and events logging; connection available for SREL.AV. Relay contact as NOC contact (can be reversed to breaker contact). Only operate with DC current (9 to 24 V DC)

SREL2.ZK.G2.W

## PROGRAMMING

Transponder terminal

The transponder terminal is a network-ready, vandal-proof, external programming device for use outdoors. It can automatically re-programme active SimonsVoss transponders without the locking system manager needing to be directly involved the programming process or be present in person on site. If a whole department moves, for example, all SimonsVoss lock system authorisation structures can be flexibly changed over time. The terminal can be used in offline systems and as an extension in virtual networks.



## PRODUCT VERSIONS

Transponder terminal  
Network-compatible, vandalism-resistant programming device for outdoor areas to reprogramme G2 transponders in offline or VN systems

TRATERM