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CARL FUHR GmbH & Co. KG
Schlösser und Beschläge

October 2018

(**SmartTouch** 2.0

Door handles in new design and KeylessGo technology

Description

With the successful **Smart**Touch access control system, FUHR has brought KeylessGo technology to the door. It allows the front door to be opened on the same principle as the opening of doors in modern cars.
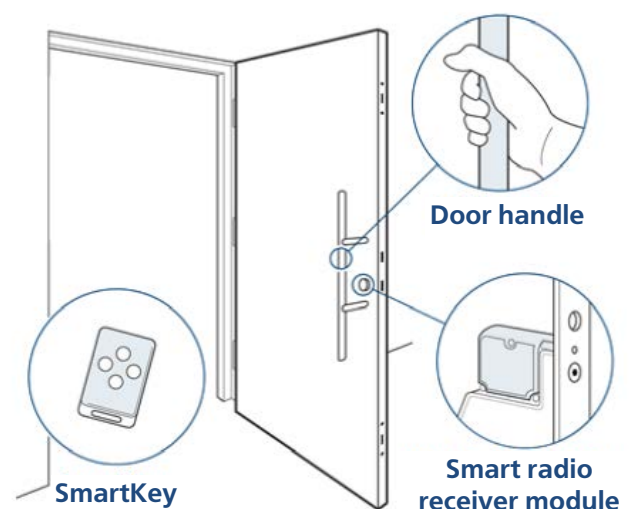
Now FUHR presents a series of further developed design-oriented stainless steel door handles. In contrast to the current version, no activation buttons are required. The door handles are simply touched at any point and the person´s body serves as a transmission medium. These new door handles conveniently unlock the FUHR motor locks **autotronic** 834 and **multitronic** 881 as if by magic – a **Smart**Touch transponder in your pocket is enough. Tediously have to search for your key is a thing in the past.

Reliable security and different versions guarantee the best solution for every door.

New convenient SmartTouch function

- Initiate the communication with the active transponder SmartKey by touching the door handle at any point.

- The smart radio module checks whether there is access authorisation for the SmartKey.

- It is enough merely to touch the **Smart**Touch door handle with your hand to activate the motorised lock opener.

Door handle

SmartKey

Smart radio receiver module

(**SmartTouch** 2.0

High security

- Highly secure AES encryption during signal transmission provides additional security.

- Master key principle protects against unauthorised pairing and unpairing of transponders.

- Data transfer occurs exclusively when the door handle is touched. Touching the door handle „wakes up" the SmartKey, which communicates with the smart radio module. This guarantees higher security.

- Thanks to the innovative technology, it is only possible to open the door if the SmartKey is near the body.

- Additional security through motion sensor in the SmartKey: If the SmartKey is not moved for 3 seconds, it will turn off automatically. This protects the battery and further increases security, because a transponder in sleep mode is not susceptible to attacks.

System components

- **Smart**Touch door handle set consisting of:

    – 1 smart radio receiver module with connecting cable

    – 1 stainless steel door handle with connecting cable and fixing screws

    – 1 master SmartKey

- **Smart**Touch user SmartKeys in desired quantity

System components in detail

- **Smart**Touch **door handle**

    – The door is opened by touching the door handle at any point

    – An LED in the support signals that a touch has been identified and glows in the dark because of a brightness sensor

    – In high-quality stainless steel

    – Available in different versions

    – Ready-to-plug connector for the smart radio module

    – Weather-proof and maintenance-free

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- **SmartTouch SmartKey**

  - Available as master and user SmartKeys

  - Individual master SmartKey for every **SmartTouch** system – The master SmartKey is factory-paired

  - Very easy pairing and deletion of access rights – via master SmartKey

  - Equipped with 4 radio transmit buttons – one is factory-paired to the smart radio module and can be used to open the door and the other buttons can be programmed freely, for example for opening side doors

  - 200 user SmartKeys can be paired

  - Long battery life

Master

User

- **SmartTouch smart radio receiver module**

  - Smart radio module – invisible installation in door leaf – directly on the motorised drive mechanism

  - LED programming button for pairing and deletion

  - With acoustic signals

  - Suitable for all FUHR motorised locks **multitronic** 881 and **autotronic** 834

  - Can also be retrofitted at any time

  - No additional cut-outs needed

  - Protected receiving electronics in a compact housing

  - 12 VDC power supply directly from the motorised drive mechanism – no additional main adapter needed

  - Simple cabling between motor and door handle – ready to plug in

  - Smart radio modules are compatible with previous and new **SmartTouch** components

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Technical details

- Door handles made of high-quality stainless steel
- Length: 350 mm, 1000 mm and 1600 mm
- Option with 1600 mm length optional with 2 or 4 supports
- Rectangular and round door handles with straight supports for installing the handle on the door panel
- Round door handles with slanting supports for installing the handle on the door leaf
- Door handles including electronics, smart radio module, master SmartKey and fixing screws
- Highly secure encryption and additional security
- Master key principle
- Power supply: 12 VDC
- Connecting cable between door handle and motor: 3-core, approx. 320 mm long

Market launch

Now available.

Note

If an installation of the smart radio module on the motorised lock is not possible or desired, the FUHR stainless steel flat cover NZ0847 can be ordered for flexible mounting in the door leaf.

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Article report

Article no.	GTIN no.	Description	PU/ piece	Material group
NB053035R2ML	4033449365108	SmartTouch door handle 2.0 round, 30 x 350 mm, 2 supports slanting, for DIN left, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB054035R2MR	40334499365139	SmartTouch door handle 2.0 round, 30 x 350 mm, 2 supports slanting, for DIN right, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB053100R2ML	4033449365115	SmartTouch door handle 2.0 round, 30 x 1000 mm, 2 supports slanting, for DIN left, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB054100R2MR	4033449365146	SmartTouch door handle 2.0 round, 30 x 1000 mm, 2 supports slanting, for DIN right, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB053160R2ML	4033449365122	SmartTouch door handle 2.0 round, 30 x 1600 mm, 2 supports slanting, for DIN left, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB062160R4ML	4033449365214	SmartTouch door handle 2.0 round, 30 x 1600 mm, 4 supports slanting, for DIN left, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB054160R2MR	4033449365153	SmartTouch door handle 2.0 round, 30 x 1600 mm, 2 supports slanting, for DIN right, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB063160R4MR	4033449365221	SmartTouch door handle 2.0 round, 30 x 1600 mm, 4 supports slanting, for DIN right, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB052035R2MU	4033449365078	SmartTouch door handle 2.0 round, 30 x 350 mm, 2 supports straight, universal, stainless steel with screws, master SmartKey and smart radio receiver module	1	1422
NB052100R2MU	4033449365085	SmartTouch door handle 2.0 round, 30 x 1000 mm, 2 supports straight, universal, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB052160R2MU	4033449365092	SmartTouch door handle 2.0 round, 30 x 1600 mm, 2 supports straight, universal, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422

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Article no.	GTIN no.	Description	PU/ piece	Material group
NB061160R4MU	4033449365207	SmartTouch door handle 2.0 round, 30 x 1600 mm, 4 supports straight, universal, stainless steel, with screws, master SmartKey and smart radio receiver module	1	1422
NB059035K2MU	4033449365160	SmartTouch door handle 2.0 rectangular, 25 x 40 x 350 mm, 2 supports straight, universal, stainless steel, with screws, master SmartKey und smart radio receiver module	1	1422
NB059100K2MU	4033449365177	SmartTouch door handle 2.0 rectangular, 25 x 40 x 1000 mm, 2 supports straight, universal, stainless steel with screws, master SmartKey and smart radio receiver module	1	1422
NB059160K2MU	4033449365184	SmartTouch door handle 2.0 rectangular, 25 x 40 x 1600 mm, 2 supports straight, universal, stainless steel, with screws, master SmartKey und smart radio receiver module	1	1422
NB060160K4MU	4033449365191	SmartTouch door handle 2.0 rectangular, 25 x 40 x 1600 mm, 4 supports straight, universal, stainless steel with screws, master SmartKey and smart radio receiver module	1	1422
NBZB2460069	4033449367768	SmartTouch door handle 2.0 fixing set containing of tube for cable routing and 2 aluminium profiles 45x45 mm, for door panel mounting	1	1422
NZ80275	4033449366938	4-channel-user SmartKey for SmartTouch door handles 2.0, black	1	1426
NZ0847	4033449331875	Flat cover stainless steel, for radio receiver modules NBFP490, NBFP931R, NB506N(R), with 2 stainless steel screws M5x15,4 mm	1	1426