



**BCM Offline reader**

**BCM Electronic knob cylinder FL IP55 kit AA/BB**

Fields of application		installation into PZ-locks   suitable for the usage for fire doors (no mounting holes necessary)   in protected outdoor areas	
Conformity		according to DIN 18252   DIN EN 1303 (as far as applicable for electronic systems)	
Administration		centrally as offline knob cylinder	
Identification		with passive transponder in the key (without power supply)	
Max. number of activations with one battery set		35.000	
User guidance		optical   acoustic	
Batteries		2 x type CR2 Lithium 3 V	
Battery change		opening the cover: only feasible with permission for battery change   feasible when installed   in case of empty batteries feasible with battery adapter	
Installation		snapping-in of the knob module in the cylinder	
Cabelling		not necessary	
Knob position		inner and outer knob can be exchanged	
Material		brass (cylinder and knob housing, case)	
Technology		carrier frequency MIFARE® DESFire® EV1 (13,56 MHz)	
Acceptable ambient temperature		-20 to +65 °C	
Dimensions (mm)	<b>mm</b>	outer knob inner knob profile cylinder	length = 42.7   d = 40.0 length = 20.0   d = 29.5 length = 30 / 30 to 70 / 70 (in 5-mm-steps)
Article numbers		813-003-3030 to 813-003-3070 813-003-3535 to 813-003-3570 813-003-4040 to 813-003-4070 813-003-4545 to 813-003-4570 813-003-5050 to 813-003-5070 813-003-5555 to 813-003-5570 813-003-6060 to 813-003-6070 813-003-6565 to 813-003-6570 813-003-7070	

**BCM Electronic knob cylinder FL IP66 kit AA/BB**

Fields of application		installation into PZ-locks   suitable for the usage for fire doors (no mounting holes necessary)   in protected outdoor areas	
Conformity		according to DIN 18252   DIN EN 1303 (as far as applicable for electronic systems)	
Administration		centrally as offline knob cylinder	
Identification		with passive transponder in the key (without power supply)	
Max. number of activations with one battery set		35.000	
User guidance		optical   acoustic	
Batteries		1 x type 1/2 AA Lithium 3.6 V (EVE ER14250M)	
Battery change		opening the cover: only feasible with permission for battery change   feasible when installed   in case of empty batteries feasible with battery adapter	
Installation		snapping-in of the knob module in the cylinder	
Cabelling		not necessary	
Knob position		inner and outer knob can be exchanged	
Material		brass (cylinder and knob housing, case)	
Technology		carrier frequency MIFARE® DESFire® EV1 (13,56 MHz)	
Acceptable ambient temperature		-20 to +65 °C	
Dimensions (mm)	<b>mm</b>	outer knob inner knob profile cylinder	length = 42.7   d = 40.0 length = 20.0   d = 29.5 length = 30 / 30 to 70 / 70 (in 5-mm-steps)
Article numbers		816-003-3030 to 816-003-3070 816-003-3535 to 816-003-3570 816-003-4040 to 816-003-4070 816-003-4545 to 816-003-4570 816-003-5050 to 816-003-5070 816-003-5555 to 816-003-5570 816-003-6060 to 816-003-6070 816-003-6565 to 816-003-6570 816-003-7070	

Latest version here:



**BCM Electronic knob cylinder  
FL IP55 kit 813-003-AABB**



**BCM Electronic knob cylinder  
FL IP66 kit 816-003-AABB**



For questions regarding  
planning, please contact  
our technical support.

Send your enquiry  
by Fax to:  
**0 39 33 - 87 99 81**  
by Mail to:  
**bcm.support@tcsag.de**

Subject to technical changes.  
Images shown are not binding.



## BCM Offline reader

### BCM Wall reader FL MIFARE® AP kit

Kit with 3 components	reader surface-mount   central FL   power supply
Article number	802-003-5104
<b>Component:</b> MIFARE® transponder reader	
NFC ready	yes
Type of installation	surface-mounted housing, encapsulated
Connecting cable	3 m with cable-end sleeves
Optical user guidance	LED red   green
Acoustic user guidance   Piezo signal transmitter	yes
Tamper switch   optica surveillance	yes
Material   colour	plastics, black
Degree of protection	IP 65
Supply voltage	9 - 24 V DC
Input current I(+)	typ. 72 mA / 14 V DC (1 W)
Max. input current I(+max)	150 mA / 14 V DC (2,5 W)
Acceptable ambient temperature	-20 to +70 °C
Dimensions (mm)	153 x 53 x 17
<b>Components:</b> Central <u>and</u> power supply	
Supply	for up to 1 reader
Control reader   door opener	yes
Door release	with transponder
Connection for door opener   change-over switch   external supply	1 x
Sensor OPEN / CLOSE (door)	1 x
Request-to-exit push-button	1 x
Battery (Backup)	1 x
Housing	central: DIN-rail housing 4 SU, DIN EN 50022 power supply: DIN-rail housing 5 SU, DIN EN 50022
Material   colour	plastics, grey
Acceptable ambient temperature	-20 to +85°C
Supply voltage	14.4 V DC ± 10%
Power consumption	150 mA at 14.4 V DC (2 W, max. 60 W)
Backup battery	optionally external (12 V DC   2.1 A)

**NOTE:** The supply central is suitable to supply a DC door opener. IF an AC door opener is used, it must be supplied separately.

### BCM Wall reader FL MIFARE® AP kit 802-003-5104



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BCM Wall reader FL MIFARE® CS AP kit	
Kit with 3 components	reader surface-mount   central FL   power supply
Article number	802-003-5114
<b>Component:</b> MIFARE® transponder reader	
NFC ready	yes
Type of installation	surface-mounted housing, encapsulated
Connecting cable	3 m with cable-end sleeves
Optical user guidance	LED red   green
Acoustic user guidance   Piezo signal transmitter	yes
Tamper switch   optical surveillance	yes
Material   colour	plastics, black
Degree of protection	IP 65
Supply voltage	9 - 24 V DC
Input current I(+)	180 mA / 14 V DC (2,5 W)
Max. input current I(+max)	200 mA / 14 V DC (2,8 W)
Acceptable ambient temperature	-20 to +70 °C
Dimensions (mm)	153 x 53 x 17
<b>Components:</b> Central and power supply	
Supply	for up to 1 reader
Control reader   door opener	yes
Door release	with transponder   PIN-Code
Connection for door opener   change-over switch   external supply	1 x
Sensor OPEN / CLOSE (door)	1 x
Request-to-exit push-button	1 x
Battery (Backup)	1 x
Housing	central: DIN-rail housing 4 SU, DIN EN 50022 power supply: DIN-rail housing 5 SU, DIN EN 50022
Material   colour	plastics, grey
Acceptable ambient temperature	-20 to +85°C
Supply voltage	14.4 V DC ± 10%
Power consumption	150 mA bei 14.4 V DC (2 W, max. 60 W)
Backup battery	optionally external (12 V DC   2.1 A)

**NOTE:** The supply central is suitable to supply a DC door opener. IF an AC door opener is used, it must be supplied separately.

**BCM Wall reader FL MIFARE®  
CS AP kit 802-003-5114**



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BCM Reader FL MIFARE® INT kit	
Kit with 3 components	reader INT   central FL   supply unit
Article number	802-003-6504
<b>Component:</b> MIFARE® transponder reader	
NCF-ready	yes
Type of mounting	built-in, encapsulated
Connecting cable	3 m with cable-end sleeves (recommended connection technology: WAGO series 221)
optische Benutzerführung	LED red   green
Acoustic user guidance   Piezo signal transmitter	yes
Tamper switch   optical surveillance	yes
Material   colour	plastics, black
Degree of protection	IP 65
Supply voltage	9 - 24 V DC
Input current I(+)	typ. 72 mA / 14 V DC (1 W)
Max. input current I(+max)	150 mA / 14 V DC (2,5 W)
Acceptable ambient temperature	-20 to +70 °C
Dimensions (mm)	56 x 56 x 12
<b>Components:</b> Central and power supply	
Supply	for up to 1 reader
Control reader   door opener	yes
Door release	with transponder   PIN code
Connection for door opener   change-over switch   external supply	1 x
Sensor OPEN / CLOSE (door)	1 x
Request-to-exit push-button	1 x
Battery (Backup)	1 x
Housing	central: Reiheneinbaugeschäuse 4 TE, DIN EN 50022 power supply: Reiheneinbaugeschäuse 5 TE, DIN EN 50022
Material   colour	plastics, grey
Acceptable ambient temperature	-20 to +85°C
Supply voltage	14,4 V DC ± 10%
Power consumption	150 mA at 14,4 V DC (2 W, max. 60 W)
Backup battery	optionally external (12 V DC   2,1 A)
<b>NOTE:</b> The supply central is suitable to supply a DC door opener. IF an AC door opener is used, it must be supplied separately. In case of an application based on AMI, the AMI12401-0080 module is needed. Please order separately.	

**BCM Reader FL MIFARE® INT**  
kit: 802-003-6504



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