

SO-MF5-W

KEYPAD WITH MIFARE® PROXIMITY CARD READER

The **SO-MF5** keypad can operate as:

- **INT-SCR** partition keypad in the **INTEGRA** alarm system
- **ACCO-SCR** keypad with proximity card reader in the **ACCO NET** or **ACCO** access control system
- keypad with a proximity card reader for other manufacturers (OSDP, Wiegand)
- standalone door control module

Characteristics:

- user identification by code and/or MIFARE® proximity card
- keypad with white backlight
 - 12 code entry keys
 - 2 function keys F1 and F2
- built-in MIFARE® proximity card reader (13.56 MHz):
 - Ultralight CSN/SSN
 - Classic CSN/SSN/MSN
 - DESFire (EV1 / EV2 / EV3) CSN/MSN
- supported OSDP protocol (OSDP protocol version 2.2; RS-485 bus)
- additional communication interface:
 - INT-SCR (operation in the INTEGRA system)
 - ACCO-SCR (operation in the ACCO NET or ACCO system)
 - Wiegand (operation in other manufacturer's system)
- programming in the **CR Soft** program or using **MC-SRV-8** service card
- LED indicators (4 pcs.)
- OC type output (BELL) controlled with the F1 function key
- built-in buzzer (volume adjustable)
- ~~special anti-tampering protection against installation~~
- available in white (**SO-MF5-W**) and black (**SO-MF5-B**)

Properties for each operation mode:

INT-SCR partition keypad in the INTEGRA alarm system

- functions activated by code and/or proximity card:
 - arming/disarming and alarm cancelling in partition
 - door opening
 - control of 24. *MONO switch* and 25. *BI switch* type outputs
 - confirmation of guard round
 - activation of a temporary partition blocking function
 - bypassing cash machine zones
 - code change by the user
- functions activated without using a password / proximity card:
 - quick arming
 - alarm triggering using the keypad
 - alarm muting on the keypad
- controlling access to a single door
- activation of an additional function using the F1 function key
- relay output to control an electric strike, electromagnetic lock or other device which activates the door
- door status input



- request-to-exit input
- configuration of the INT-SCR keypad settings – using the DLOADX program or the keypad

ACCO-SCR keypad with proximity card reader in the ACCO NET or ACCO system

- functions activated by code and/or proximity card:
 - door opening
 - blocking / unblocking a door
- activation of an additional function using the F1 function key
- configuration of the ACCO-SCR keypad settings using the ACCO Soft (ACCO NET system) / ACCO SOFT-LT program (ACCO system)

Keypad with a proximity card reader in systems of other manufacturer

- selection of the communication interface:
 - OSDP (RS-485 bus)
 - Wiegand
- activation of an additional function using the F1 function key

Standalone door control module

- support for up to 128 codes
- support for up to 128 proximity cards
- functions activated using a code / proximity card:
 - door opening
 - blocking / unblocking a door
 - code change by the user
- possibility to specify the number of times a card/code is used
- activation of an additional function using the F1 function key
- relay output to control an electric door strike, magnetic lock or other device activating a door
- door status input
- request-to-exit input

TECHNICAL DATA

Supply voltage	12 V DC $\pm 15\%$ V DC
Operating temperature range	-25°C...+55°C
Standby mode current consumption	65 mA
Max. current consumption	120 mA
Weight	93 g
Maximum humidity	93 \pm 3%
Dimensions	45 x 128 x 21 mm
Relay output (resistive load)	1 A / 30 V DC
BELL output, OC type	30 mA / 12 V DC
Reader operating frequency	13,553...13,567 MHz
Reading range for the MC-DF3-2 encrypted card	up to 55 mm