8902

8000 SERIES

Vandal Resistant 8000 Series Standalone 1000 code, 2 relay Codelock with Blue back-lit keypad buttons

8902/S (surface)





8902/F (flush)

Vandal Resistant 8000 series standalone, self-contained codelock module

The **8902** codelock module features 12 stainless steel keypad buttons: **1 - 9**, ↵ [**ENTER**], **0** and **×** [**CLEAR**] which are all back-lit blue, but can also be adjusted to illuminate with low intensity, bright or can be disabled if required.

They include 2 status LEDs: green for accept/access granted and red for access denied or programming mode, providing the user with clear indication of when the keypad is in operation or in programming mode.

Vandal Resistant front fascia

316 grade vertically brushed stainless steel front fascia.

Module protections

IK09 impact protection and **IP55** ingress protection ratings.

Back-lit keypad buttons

DDA compliant blue back-lit keypad buttons to assist the partially sighted.

2 volt free relays & up to 1000 codes

2 volt free relays with 1000 programmable access code per relay that can be set to activate relay RLY1, relay RLY2 or both.

Adjustable relay times

Programmable relay times 001 - 255 seconds or 000 for latching 'toggle' mode.

Push to exit inputs

PTE inputs (switched 0V) for relay RLY1 and relay RLY2 only.

Back EMF protection

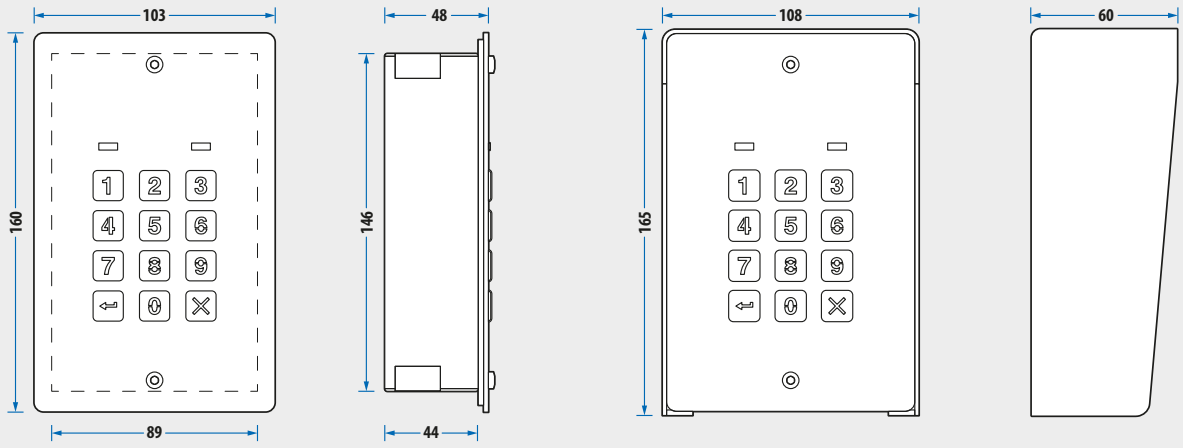
Each relay with back EMF protection.

Surface or Flush

Surface or flush options available.

CODELOCK | BACK LIGHT | IK09 | IP55

VIDEX®



8902/F (measurements in mm) 8902/S

Technical characteristics

	8902/F - 8902/S
Description	Vandal Resistant 8000 series standalone, self-contained 1000 code, 2 relay codelock module with blue back-lit keypad buttons.
Materials	12 gauge (2.5mm thick) 316 marine grade vertically brushed stainless steel.
Module protection	**IK09** impact protection and **IP55** ingress protection ratings.
Buttons	12 stainless steel keypad buttons: **1 - 9**, ↵ [**ENTER**], **0** and **×**[**CLEAR**] all back-lit blue.
Back light illumination adjustment	Yes: back light jumper **JPL** for controlling back-lit buttons brightness. 2x **JPL** programming modes: **mode 1, JPL = A position**, low brightness in standby then full brightness when any button pressed; **mode 1, JPL = B position**, back light **OFF** in standby then full brightness when any button pressed; **mode 2, A or B position**, full brightness all the time. Jumper **JPL** removed = back light disabled.
Other adjustments (switches & jumpers)	RS485/USB programming interface switch, for USB: switch in upper position, for RS485: switch in lower position. RS485 bus termination jumper, for RS485 bus termination **ON** jumper in **left position**, fir RS485 bus termination **OFF** jumper in **right position**.
Status LEDs	Yes: **green LED** = accept/relay activated, **red LED** = programming mode/access denied.
Programming	Programming carried out directly via the keypad.
No. of relays, relay voltage and current	2 relays: **RLY1** = C1/NO1/NC1 and **RLY2** = C2/NO2/NC2. Each relay 24Vac/dc at 3A.
Codes & code length	1000 codes, codes can be assigned to **RLY1**, **RLY2** or both. Code length 4 - 8 digits.
Back EMF protection	Yes: Selectable MOV jumpers to enable/disable back EMF protection, one for each relay.
Relay times	Relay times **001 - 255** seconds or **000** for latching 'toggle' mode.
PTE inputs	Yes: 2x switched 0V inputs (push-to-make), **SW1 (RLY1)** and **SW2 (RLY2)** only.
Other inputs	Micro-USB input for programming using **VNET LITE** PC software and RS485 bus (A/B terminals) for programming using **VNET LITE** PC software and for networking with other **8902** codelocks using **1052** controller.
Unit ID setup	Unit ID setup **ID.01 - ID.64** via the keypad (for network and **2813** remote relay modes).
Module Size (mm)	Flush: front fascia = 103 (W) x 160 (L), flush box = 89 (W) x 146 (L) x 44 (D). Surface (with rainshield surround): 108 (W) x 165 (L) x 60 (D) mm.
Working voltage	12Vac/dc or 24Vac/dc power input.
Current rating	Standby: 20mA (standby), 70mA (max.).
Working temperature	-20°/+60°C.

VIDEX U.K. Ltd

Main Office
Unit 4-7 Chillingham Ind. Estate, Chapman Street,
Newcastle Upon Tyne, NE6 2XX
tel: 0370 300 1240
sales@videxuk.com www.videxuk.com

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