

DATASHEET

CM3002 EMV by CONLAN

The CM3002 EMV is a combined keypad and RFID reader for Mifare tags and cards. This device supports EMV (Europay, MasterCard, and Visa) cards or mobile wallets as access control devices (not payment transactions supported). The Open Protocol readers from Conlan are used mostly as personal identification for access, for processing, for security etc.

www.saltosystems.com
www.conlan.eu

CM3002 EMV

CONLAN

A SALTO GROUP COMPANY



TECHNICAL DATA:

Housing dimensions Mykey (with frame) (H x W x D):	• 50 mm x 77mm x 8.5 mm.
Housing dimensions Classic (H x W x D):	• 50 mm x 130mm x 8 mm.
Weight with Mykey housing:	• 115g - 4.05 Oz (with cable)
Weight with Classic housing:	• 160g - 5.64 Oz (with cable)
Voltage range:	• 9 to 24 VDC / -5% + 0% (should never exceed 24VDC).
IP:	• IP67
Environmental conditions:	• Temperature: -35°C to 66°C; • Humidity: 0 to 95%
Certifications:	• CE
Colors:	• Black or White finish
Power Cons. when Stand By	• Average ~14 mA
Power Cons. when Active	• Average ~23 mA
Outputs:	• 2 Open Collector outputs (0V active).
Inputs:	• 2 Inputs (0V active)
Communication Ports	• 485/OSDP port (+/-)

ID TECHNOLOGIES:

CARDS AND TAGS:

MIFARE / DESFire:	•
NFC:	•
EMV ISO 7816 NDEF:	•

PIN CODE:

PIN:	•
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TECHNOLOGY PLATFORMS:

CONLAN:

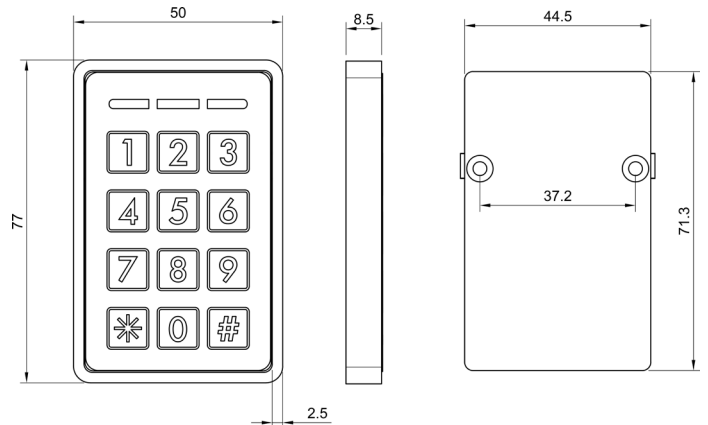
Stand Alone	—
Wiegand:	—
RS 485:	•
OSDP:	•

VERIFICATION MODES:

PIN code:	1 to 8 digit user PIN codes.
MIFARE Tags and Cards:	ISO/IEC 14443 Type A 13.56 MHz contact-less smart card standard.
EMV Cards and Wallets:	EMV (Europe MasterCard and Visa). ISO 7816 NDEF track 2 records PAN tags.

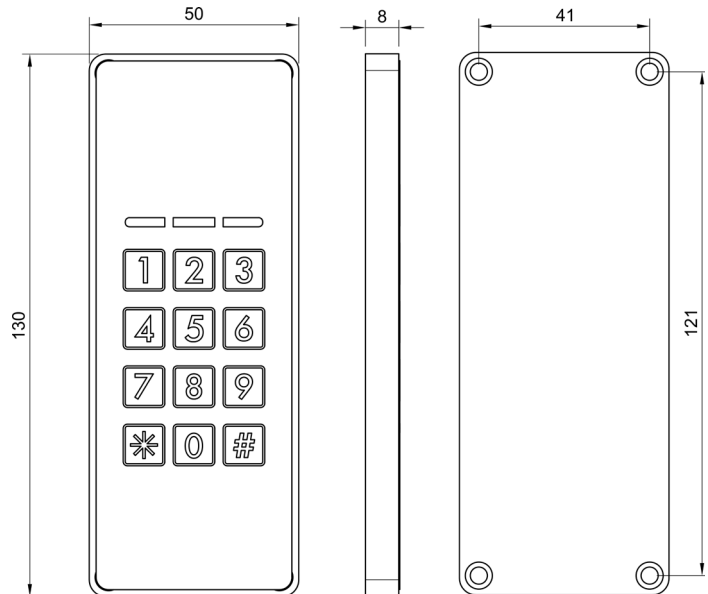
TECHNICAL DRAWING:

CONLAN MYKEY SIZE:



- Frame and label in the chosen color are included.

CONLAN CLASSIC SIZE:



- Label in the chosen color is included.

OPTIONS:

Reader color:

Black:	•
White:	•

CABLE TYPE:

- 8 wires white cable
 - 2,5m
 - 8,2ft

ARTICLE NUMBER:

522020	• CM3002 EMV, classic, black
522021	• CM3002 EMV, classic, white
520020	• CM3002 EMV, mykey, black
520021	• CM3002 EMV, mykey, white