5. General Specifications:

SENSOR SET: Implementation 02

CURRENCY AND INTERFACES See Software Description document

ELECTRICAL SPECIFICATION:

Operating Voltage	Maximum Operating Current	Maximum Current
24 V AC / 18…40 V DC	0.36A	2.5A

Use only current limiting CSA or UL recognized CLASS 2 Power Supply.

OPERATING TEMPERATURE: -18 to +60 degrees Celsius
TOTAL WEIGHT: 1.5 kg with Cassette

FEATURES: CASHCODE MDB interface
Blue Runway Lights (cassette Up) Bezel, Handled Bill width 66 mm

ENCLOSURE: Bill Acceptor with a Stacker
User's Guide
Software description
Accessories:
Front Label
MDB Harness, Part # OPT-HS-MDB-1
Mounting kit for grounding connection, # OPT-MKSM-GND
Nut, # 5310018 4 pcs.

OPTIONAL ACCESSORIES:

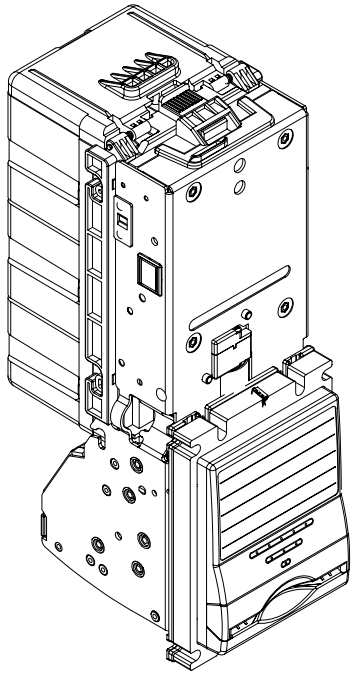
CRANE CashCode
CashCode A Crane Co. Company
553 Basaltic Rd. Concord, Ontario Canada. L4K 4W8
TEL: (905) 303-8874 (800)-584-2633
FAX: (905) 303-8875 (800)-593-2633

CRANE CashCode User's Guide

currenza®

Bill Validator with Stacker

Hardware part # **SMV-4017**

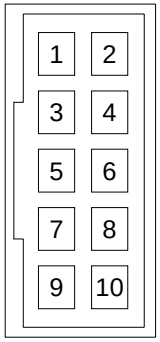


1. DIP Switches Setting

See Software Description document.

2. MDB connector pinout

Pin	Circuitry
1	AC / DC(+)
2	AC / DC(-)
3	N/C
4	Master Receive
5	Master transmit
6	Common
7	Secondary Channel Master transmit
8	Secondary Channel Master Receive
9	GND (Communication Ground)
10	+5V (fir test purposes only)



Mating connector:

MOLEX:

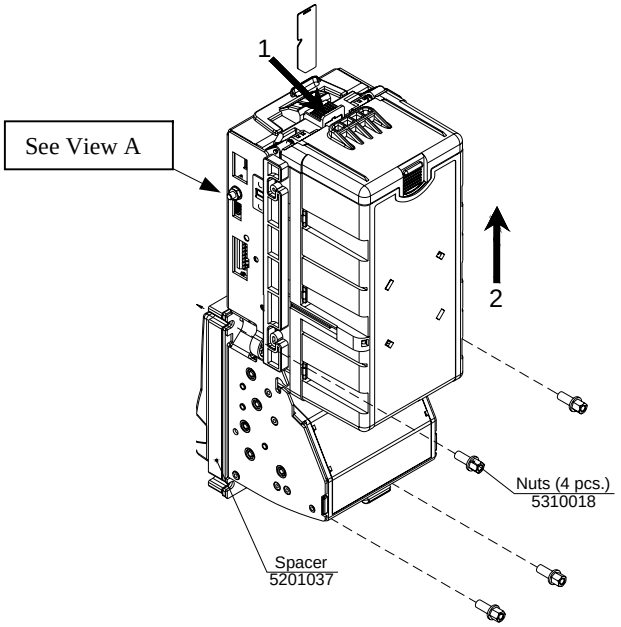
Dual Row Crimp Connector Housing # 90142-0010 - 1 pcs.

Pins Female Crimp Terminal, # 90119-2110 -10 pcs.

3. Diagnostics

Count the number of flashes and compare with the diagnostic chart below:

## of flashes	Malfunction
1 red on black	Cassette is removed from bill acceptor
3 red on black	Cassette is full
4 red on black	Failure of stacker mechanism
5 red on black	Failure of capacitance sensors
6 red on black	Failure of optical sensors
7 red on black	Failure of magnetic sensors
8 red on black	Transporting motor failure (timeout)
9 red on black	Speed of transporting motor is too fast
11 red on black	Bill pathway is not empty (bill is jammed)
12 red on black	Fail rejecting a bill. Bill is in the entry slot of the cassette.
1 green on red	COM port CRC Error
2 green on red	Internal CRC Error
3 green on red	Improper CCMS format
4 green on red	CCMS is absent
5 green on red	Improper type of CCMS
6 green on red	Download Error



To remove cassette:

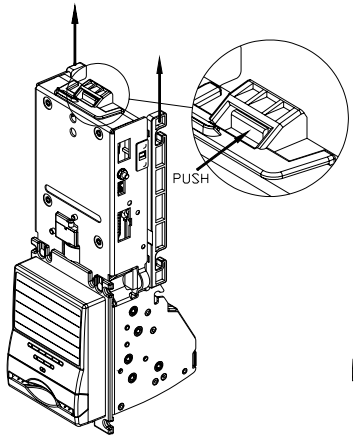
1. Pull the grey tab and hold it
2. Move the Cassette up and then backwards

Note: Use Nuts 5310018 with Spacer 5201037. Without Spacer 5201037 use standard Nuts #8.

Holder Removal and Installation

To remove the holder remove the cassette first and then, push on latch, raise the holder and remove it.

CAUTION:
NEVER remove (or install) the Holder WITH the Cassette attached!!!



VIEW A

Protective-earth ground terminal must be connected to the automat local electric earth. Electric earth connection must be made by cable OPT-MKSM-GND or another cooper wire cable with wire gage 14…. 12 AWG. Use the shortest, practical wire length.
Refer to local wiring codes and regulations for grounding requirements