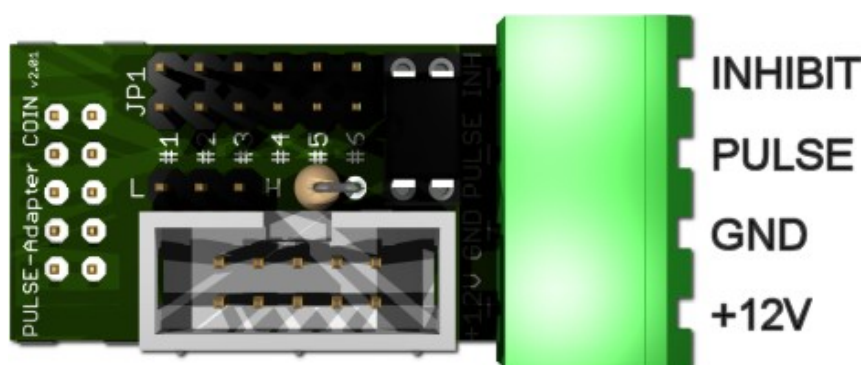Bernd Karle Hard- und Softwareentwicklung
Blauenweg 6
79379 Müllheim, Germany
Phone: +49 (0)7631-172375
E-Mail: info@casino-software.de
Web: http://www.casino-software.de

_____

PULSE-Adapter [Coin]
v2.01

With the PULSE-Adapter [Coin] it is possible to connect external cashless credit devices like Nayax cashless payments, Ingenico - Smart POS, CCV EU, OTI - Payment Readers, USA Technologies - ePort Cashless Devices, Sacoa Debit Card, POS and Redemption System, a coin chute with impulse switch, or any other pulse device, easily via plugable terminal connector to a 10 pin COIN connector with NRI-G13 pinout, like it is on the CASH-Interface2 or CASH-Interface MC8 board.

The PULSE-Adapter COIN has a 10 pin connector that fits to default coin plugs, and offers again a 10 pin coin plug to plug in the originally coin acceptor cable, so you do not lose the coin acceptor connector. By a jumper it is possible to select the coin channel, on which the external credit signal from the cashless system is transferred to. The external cash device can be controlled via INHIBIT of the coin plug, too.

The PULSE-Adapter can handle ACTIVE LOW and ACTIVE HIGH signals. Just set the L/H Jumper to L (LOW) or H (HIGH) position, default is LOW position. So a Nayax or OTI pulse connection it is just power (plus / minus), and the pulse signal.

Occupation of the 4 pole plug:

Usage:	NAYAX AMIT3	NAYAX VPOS TOUCH	NAYAX ONYX	OTI
1 = +12V DC	"AC/DC+" (brown) "VCC" (Black)	"AC/DC IN +" (Red)	"AC/DC-IN +" (Red)	PIN1
2 = GND	"AC/DC-" (green) "GND" (Red)	"AC/DC IN -" (Black)	"AC/DC IN -" (Black)	PIN3
3 = PULSE	"PULSE1" (orange)	"PULSE1" (Green)	"PULSE1" (Green)	PIN9
4 = INHIBIT	"EX Pulse" (purple)	"EX Pulse" (Purple)	"Inhibit-1" (Purple)	

Hint: VCC is optional and normally not needed when using the ″Closed-Circuit mode″

Be sure to verify the cables color and pinout in the device manual!

You can find the Nayax ONYX and VPOS TOUCH in our webshop at:
https://www.casino-software.de/shop/en/Hardware/Cashless-Systems

_____

Of course the connected device, e.g. Nayax, must operate with PULSE interface.
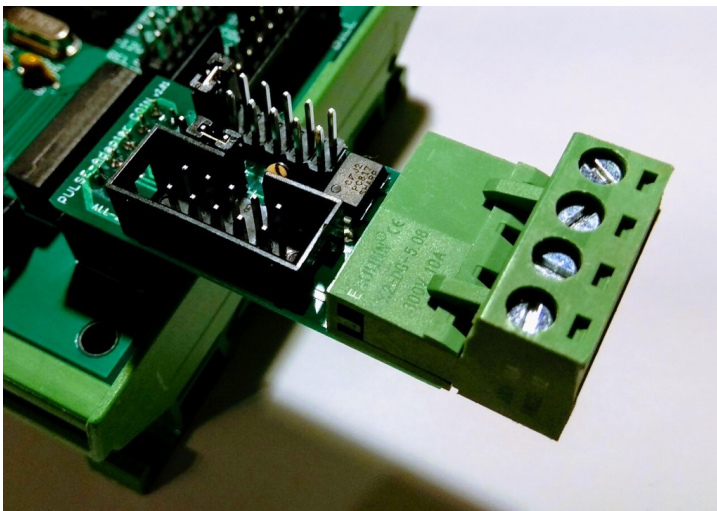
Pulse length should be set to 100ms, (100ms is default with coin and bill validator).

A pulse must be LOW (ACTIVE LOW is default with coin and bill validator).

If you get the ″Cash only″ message on Nayax devices, you need to connect also the INHIBIT (4) line, that is the "EX Pulse" (Purple) cable!

The INHIBIT is controlled via the CASH-Interface2 (or host device) and working if the TOTALBLOCKING in the software is off (yellow LED on the board on). Or you connect the "EX Pulse" (Purple) cable directly to GND, then it always accepts credit card. Be sure to set up the INHIBIT attribute for the Nayax device through the Nayax web-interface, too! Set it to "03 - Inhibit Enabled and Active on logic 1".

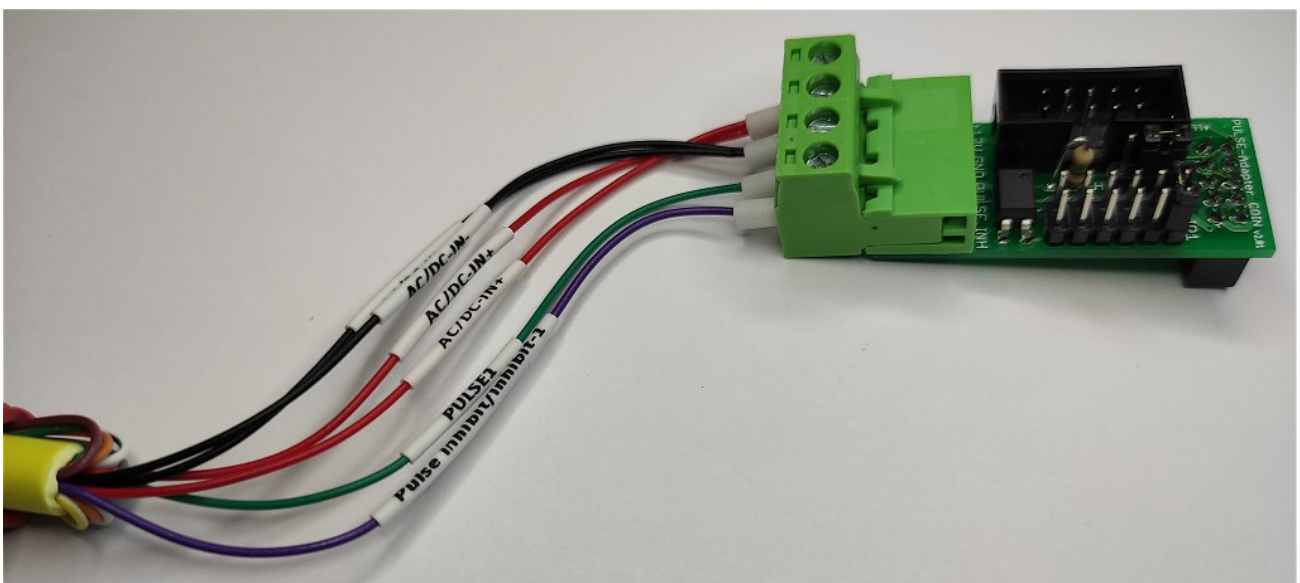**CASH-Interface2 with PULSE-Adapter [Coin]:**

The PULSE-Adapter [Coin] is simply plugged into the 10 pin coin plug on the host board.

Website PULSE-Adapter [COIN]
Web-Shop PULSE-Adapter [COIN]

We offer several other equipment in our web shop at:
https://www.casino-software.de/shop

Example with Nayax ONYX pulse cable (C130003):

Check also out our CASH-Interface2 Nayax Connection manual:
https://www.casino-software.de/download/ci2_nayax.pdf