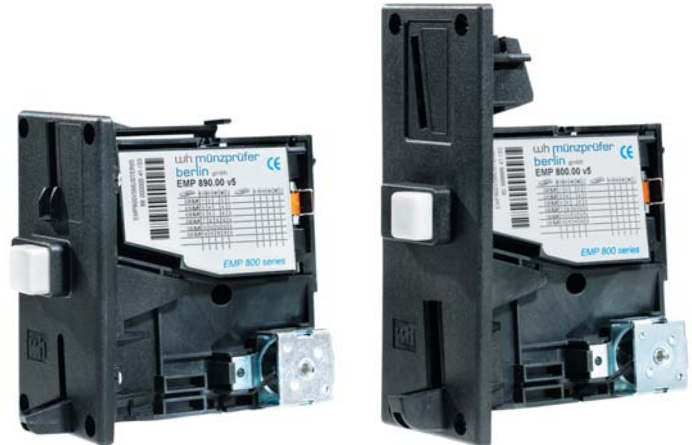


# EMP 8x0.14 v5 with USB-Interface

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## New Product Generation

- direct connection to PC via integrated USB-interface
- communication via ccTalk Protocol
- Delivery includes USB cable



- The electronic coin selector 8x0.14 v5 was developed to be able to connect the coin selector directly to the USB port of the PC. Current consumption has been optimized to the extend that the coin selector can draw the necessary power via the USB-Bus. Optional a 12 volts power supply (N789) can be used, if the specified power supply for USB-Bus of 500 mA cannot be guaranteed by the PC or a connected HUB.
- When installing the USB coin selector a virtual serial interface needs to be set up under Windows® which allows communication between EMP 8x0.14 and PC. The ccTalk protocol is used for this communication. Thus existing solutions for ccTalk coin selectors can be adapted to the EMP 8x0.14 easily.
- The EMP 8x0.14 v5 can also be operated via the serial standard ccTalk-interface in this case power supply (8 to 16 volts) is generated via the ccTalk connector.

## Technical Data

Acceptance	32 active channels, max. 16 different coins or tokens	
Max. coin size	diameter: 31.5 mm thickness 3.2 mm	
Coin blocking	16 DIP-switches for single coin blocking or for blocking of coin groups	
Temperature range	+10°C to +70 °C	
Interfaces	USB, ccTalk	
Supply voltage	with USB Port: 5 V	with power supply: 8-16 V
Supply current	with USB Port 150 mA standby and approx. 450 mA during coin acceptance	
	with power supply 60 mA standby and approx. 300 mA during coin acceptance	

## Versions

EMP 800.14 v5 with standard frontplate  
EMP 890.14 v5 with mini frontplate  
EMP 850.14 v5 with steel frontplate



## Options

N 789 power supply with 2.1 mm DC-connector (5.5 outerØ), 220 V / 50 Hz / 12 W

We cannot guarantee the functioning of the coin selectors at all machines without external power supply .