

# Coin Validator IMP 10

Inductive 3½" coin validator from Phoenix Mecano



PHOENIX MECANO  
Digital Elektronik GmbH  
Coin Verification Systems

**P100 - parallel**

- Specially developed for the euro
- Interface and system compatible for all trades
- Safe validation technology using the most modern hardware and intelligent software
- Variable front panel design



# IMP 10 - P 100

## Technical Details

Supply voltage	12V ... 24V DC nominal, (7.8V ... 27.6V)
Power consumption with 12V	Standby: 30 mA Coin validating: 400 mA No sleep mode available
Coin signal lines	Output active: $U < 0.8V$ , Duration: 120 ms (default) Input (disabled): $U < 1V / U > 3.5V$ open
Overall blockage	Input active: $U > 3.5V$
Return	Output active: $U < 0.8V$ for the duration of the operation
Sorting signal	Active: $U < 0.8V$ , default 200ms, open collector, max. 300mA with 70°C Supply voltage (Output, as input voltage, max. 600mA)
Temperature range	-20° ... +70°, without condensation
Coin channels	8/16
Coin measurements	Diameter: 15 ... 33 mm Thickness: 1.5 ... 3 mm
Coin validator measurements	102mm x 89mm x 52mm
Front panel measurements	155mm x 63mm

### Plug Configuration

#### Vending machine interface

#### Sorting interface

Pin 1	Earth	Pin 1	Earth
Pin 2	Supply voltage	Pin 2	Supply voltage (output)
Pin 3	Coin signal channel 5	Pin 3	Sorting signal 1
Pin 4	Coin signal channel 6	Pin 4	Sorting signal 2
Pin 5	Return	Pin 5	Sorting signal 3
Pin 6	Overall blockage	Pin 6	Sorting signal 4
Pin 7	Coin signal channel 1	Pin 7	Unused
Pin 8	Coin signal channel 2	Pin 8	Return signal
Pin 9	Coin signal channel 3		
Pin 10	Coin signal channel 4		

#### Service plug

Pin 1	Earth	Pin 4	5V (Output 10mA max.)
Pin 2	RxD_PC	Pin 5	Programming voltage 12V
Pin 3	TxD_PC	Pin 6	Supply voltage

Am Schacht  
D-36419 Buttlar  
Telefon: +49 (0) 36967 731-0  
Telefax: +49 (0) 36967 731-20  
www.pmd-wutha.de  
info@pmd-wutha.de



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