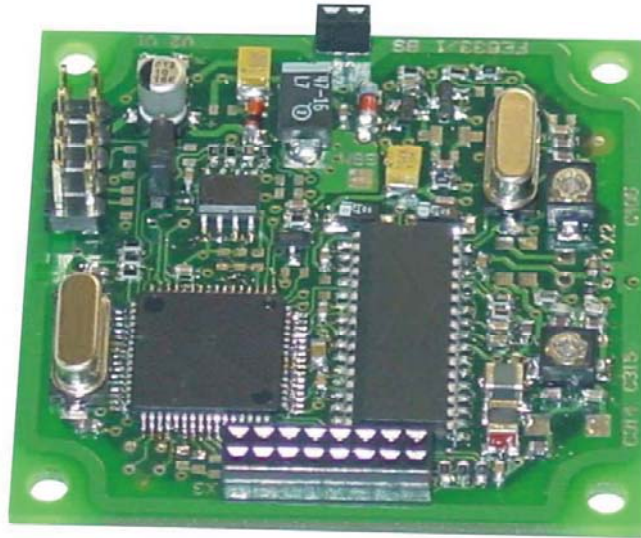




## *classic-pro*

**Reader module  
ID CPR.M02.VP/AB-B**



Multitag-proximity reader module for identification of ISO 14443- and ISO 15693-transponders

### **Features:**

- Anti-collision function
- Multi-tag reader for ISO-tags 14443-A, -B and 15693 (e.g.MIFARE, I•CODE, Tag-it, my-d, STM)
- supports the safety functions of well-known 13.56 Mhz transponders by attaching an appropriate SAM (Security Access Module)
- possible applications in the sector of access control due to data-/clock interface

## Short description and technical information

### Short description

Reader type ID CPR.M02.VP/AB-B is not only able to identify ISO 14443-, but also type ISO 15693-transponders.

It is a multi tag reader with anti-collision function, which means that it is able to identify transponders of different manufacturers and ISO-types at the same time.

The reader supports the safety functions of various known 13.56 MHz-transponders, such as MIFARE or my-d, due to an attachable Security Access Module (plug-in terminals for this kind of interface are available), which makes it even suitable for problematic applications such as ticketing and accounting systems.

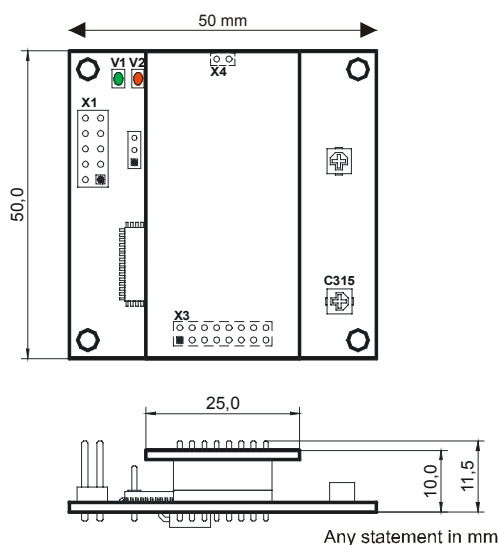
Apart from this, the data-/clock interface enables the reader to be used in access control systems.

The use of an ISO-host record guarantees a problem-free creation of user software as well as the module's unlimited compatibility with all readers of the OBID *i-scan*<sup>®</sup> family.

### Technische Daten

Dimensions (WxHxD)	50 x 50 x 14 mm
Connector plug	10-pol pin terminal (spacing = 2,54 mm)
Operating frequency	13.56 MHz
Power supply	5V DC +/- 5%
RF-transmitting power	250 mW +/- 2 dB
Power consumption	max. 1,5 W
Processable transponders	ISO 14443-A (e.g. MIFARE, MIFARE Ultra Light, my-proximity) ISO 14443-B  ISO 15693 (e.g. I <sup>2</sup> CODE SLI, my-d vicinity, STM LRI512, Tag-it HF-I)
Processable security features	Refitting of SAM (Security Access Module) is possible for e.g. my-d vicinity and my-d proximity
Antenna	integrated -- 48 x 48 mm
Reading distance	10 cm* with ISO 15693-tags 4 cm* with ISO 14443-tags
Interfaces	1x RS232-TTL 1x Data-/clock-interface (Magnet card emulation and Wiegand emulation)
Signal generator	2 LED
Temperature range	Operation -20°C up to 70°C Storage -40°C up to 85°C
EEPROM	1 kB (10.000 writing cycles)
FLASH	64 kB (Software-Update over interface possible)

### Dimensions



### Standard conformity

Radio license	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
EMC	EN 301 489
Safety	
Europe	EN 60950

FEIG ELECTRONIC reserves the right to change the specification without notice at any time.

\* Reading distances depend on the used labels; here made statements relate to an inlet size of 76x45 mm

**FEIG ELECTRONIC GmbH**  
**Lange Straße 4, D-35781 Weilburg**  
**Tel.: +49 (0) 6471 / 3109-0, Fax: -99**  
**Internet: <http://www.feig.de>**  
**e-mail: [OBID@feig.de](mailto:OBID@feig.de)**