



classic-pro

Reader modules

ID CPR.M02.VP/AB-C

ID CPR.M02.VP/AB-CA



Multi-tag Proximity Reader modules for reading and writing of ISO 14443- and ISO 15693 transponders

Features:

- Anti-collision function
- Multi-tag readers for ISO tags 14443-A, -B and 15693 (e.g. mifare[®], I[•]CODE[®], Tag-it[®], my-d[®], STM)
- RS232 Baud rates up to 230.400 Bit/sec.
- Security function due to optional connection of up to two Security Access Modules (SAM)

Short description and technical information

Short description

The readers ID CPR.M02.VP/AB-C/-CA have a RS232-TTL interface with baud rates of up to 230.400 Bit/sec and guarantee a very fast data transfer between terminal and transponder.

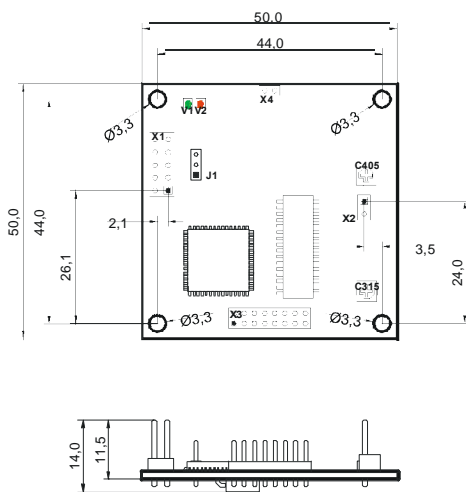
The reader modules support ISO 14443-A/-B transponders, also NFC devices and ISO 15693 transponders.

Due to the full support of ISO 14443 part 4, the reader modules are suitable for each application in public transport systems.

Beside the mifare[®] Standard security function, the reader modules can be optional equipped with a Security module to integrate up to two Security Access Modules (SAM). The reading range for ISO 15693 transponders is approx. 10 cm, for ISO 14443 transponders approx. 4 cm.

Data-/clock- and Wiegand interfaces enable the readers also for use in access control applications.

Dimensions



Any statement in mm

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

* Reading distances depend on the used labels; here made statements relate on an inlet size of 76x45 mm 02/07

• CODE[®] and mifare[®] are registered trademarks of NXP Semiconductors, my-d[®] of Infineon Technologies, Tag-it[®] of Texas Instruments and Jewel of Innvision Research Inc.

Technical data

Dimensions	50 x 50 x 14 mm
Connecting 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
Supported transponders (reading and writing)	- ISO 14443-A (e.g. mifare [®] , mifare [®] Ultra Light, my-d [®] proximity) - ISO 14443-B (e.g. SLE66CL, ST19XR) - Jewel [®] - ISO 15693 (z.B. I•CODE [®] SLI, my-d [®] vicinity, TM LRI512, Tag-it [®] HF-I)
Security functions (Optional)	SAM (Security Access Module) for my-d [®] vicinity and my-d [®] proximity
Antenna - Version -C - Version -CA	integrated -- 48 x 48 mm external antenna opt. available
Reading distance*	10 cm with ISO 15693 tags 4 cm with ISO 14443 tags
Interfaces	1x RS232-TTL 4.800 - 230.400 Baud 1x data-/clock-interface (Magnet card emulation and Wiegand emulation)
Signal generator	2 LED (green=operation, red=tag identified)
Temperature range operation storage	-20°C to 70°C -40°C to 85°C
EEPROM	1 kB (10.000 writing cycles)
FLASH	64 kB (Software-Update via interface possible)

Standard conformity

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



For more information, visit: www.rfidcanada.com

Email: info@rfidcanada.com

Canada and USA: 1 (877) 476-6760

Outside of North America: +1 905-513-8919