

Multi-tag Proximity Reader ID CPR02.10 (13.56 MHz)



FEATURES

- Multi-tag Reader for ISO-tags 14443-A & -B and ISO15693
- Supports NFC applications
- Suitable for indoor- and outdoor use (IP54)
- Serial interfaces (RS232, RS485, Data/Clock)



RFID Vicinity Proximity Reader ID CPR02.10-AD / -B

DESCRIPTION

Order description:

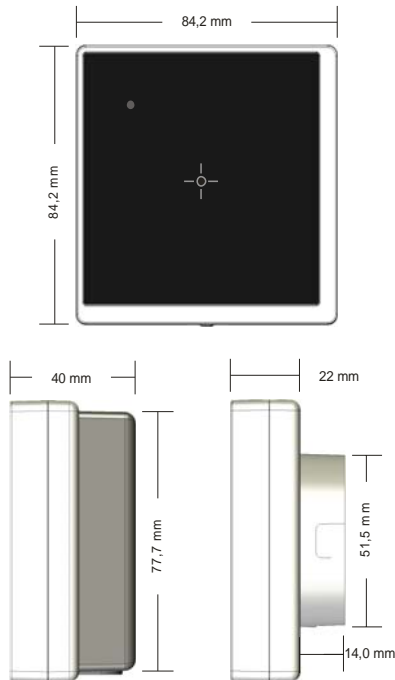
Vicinity-Proximity-Reader ID CPR02.10-AD / -B

The ID CPR02.10-AD /-B is designed as a wall-mounted device for contactless data exchange with common ISO14443-A & -B as well as ISO15693 compliant transponders for applications like access control, time attendance and ticketing.

For power supply an external power supply unit is necessary, data exchange with a computer or other equipment is carried out via a serial (RS232 or RS485) or a Data/Clock-interface.

Scope of delivery:

- Reader ID CPR02.10-AD or ID CPR02.10-B
- Surface spacer for surface mount installation
- Installation manual



FEIG ELECTRONIC reserves the right to change specification without notice at any time.
State of information: September 2008.

TECHNICAL DATA

Dimensions	
Reader	84.2 x 84.2 x 22 mm (3.33x3.33x0.87 in)
Surface spacer	77.7 x 77.7 x 18 mm (3.07x3.07x0.71 in)
Housing	Plastic ASA, Front: acrylic glass
Color	Corpus: white / Front panel: black
Weight	approx. 150 g
Protection class	IP 54
Operating frequency	13.56 MHz
RF transmitting power	250 mW +/- 2 dB
Supply voltage	12-24 V AC/DC
Current consumption	max. 2,6 W
Supported transponders	ISO 14443-A ₁ ISO 14443-B ₂ ISO 15693 ₃ NFC ₄
Antenna	integrated, approx. 70 x 70 mm (2.77x2.77 in)
Interfaces	
ID CPR.0210-AD	RS232 and Data-/Clock
ID CPR.0210-B	RS485 (max. 32 devices / data bus)
LED	Bicolor (red, green, orange)
Beeper	integrated
Relay	1 closer (only ID CPR02.10-B)
Digital inputs	
ID CPR.02.10-AD	3 (max. cable length 3 m)
ID CPR.02.10-B	2 (max. cable length 3 m)
Reading distance	maximal 7 cm ₅
Temperature range	
Operation	-25 °C up to 60 °C
Storage	-40 °C up to 85 °C
Relative air humidity	95 % (non-condensing)
MTBF	338.000 h

¹ z.B. mifare® classic (mini,1k,4k), mifare® UltraLight, mifare® DESfire, Smart MX, my-d® proximity, SLE44R35S, SLE55R..., etc.; Jewel™

² z.B. SLE66CL, ST19XR34, RF360 etc.

³ z.B. I-CODE SLI, Tag-it HFI, my-vicinity, STM LRI512 etc.

⁴ NFC Typ 1, 2 and 4 in Read/Write and NFC Card Emulation Mode

⁵ Reading distances depend on the used transponders; here made statements relate on an inlet size of 76 x 45 mm (3.00 x 1.78 in)

STANDRAD CONFORMITY

Radio approval	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
EMC	EN 301 489
Safety	
Low voltage	EN 60950
Human Exposure	EN 50364
Environment	RoHS compliant