FEIG

ID CPR03.20

RFID CARD READER FOR ACCESS CONTROL SYSTEMS

– Suitable for indoor- and outdoor use (IP65)

– Multi-tag card reader

– ISO 15693 & ISO 14443-A/-B

– Reader configuration can be changed
  with a ConfigCard on site

– Data / Clock interface (Wiegand) and RS232-TTL

The ID CPR03.20 is designed for access control applications as a wall mountable card reader for contactless data exchange with common ISO 14443-A & -B and ISO 15693 transponders.

Data exchange to a computer or host system takes place depending on the device variant via serial (RS232-TTL) or Data / Clock (Wiegand) interface.

Technical data

Dimensions (w x h x d)	120 mm x 75 mm x 17 mm
Weight	approx. 170 g
Housing	Plastic (sealed-in electronics)
Color	grey-beige
Protection class	IP65
Operating frequency	13.56 MHz
Transmitting power	200 mW ±2 dB
Supply voltage	9 – 15 V DC
Current consumption	max. 2.6 W
Supported transponders	
Reading UID	ISO 14443-A[1], ISO 14443-B[2], ISO 15693[3]
Reading data blocks	ISO 14443-A[4], ISO 15693[3]
Antenna	integrated
Connection cable	50 cm (LiYY 12*0.23 mm^2 / AWG24)
Interfaces	RS232-TTL and Data / Clock (Magnetic card- and Wiegand emulation)
Indicators, optical	2 LED (red / green)
Indicators, acoustic	1 buzzer
Digital inputs	4 (2 x LED, buzzer, Hold function)
Temperature range	
Operation	–25 °C up to +60 °C
Storage	–25 °C up to +85 °C
Relative air humidity	max. 95 % (non-condensing)

ID CPR03.20

[1] For example mifare® Standard, mifare® UltraLight, mifare® DESfire, Smart MX, my-d® proximity, SLE44R35S, SLE55R etc.
[2] For example SLE66CL, ST19XR34 etc.
[3] For example my-d® vicinity, I-CODE SLI, Tag IT HFI, STM LRI512 etc.
[4] mifare® Standard 1k and 4k, mifare® UltraLight, my-d® proximity, SLE44R35S, SLE55R etc.

Standard conformity

Radio license	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
EMC	EN 301 489
Safety & Health	EN 62368-1, EN 50364

Order description

ID CPR.03.20-CD	RFID card reader RS232 / Data/Clock (Wiegand)

Accessories

ID CPR.03 Configuration Kit
ID CPR.03 Configuration Cards