

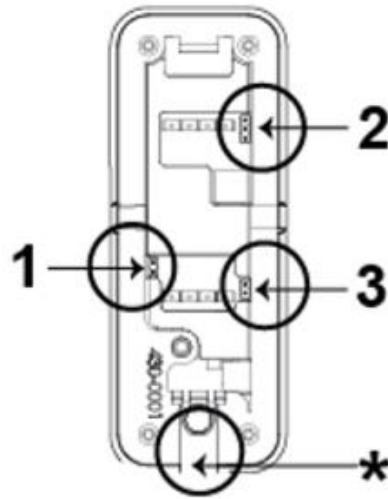


VR20M-MF/VR50M-MF - Mifare connected to SPCA210.100 via Wiegand 37 bit SPC


Application note

TCC-2020-049_VR20-VR50-to-SPCA210.100-via-Wiegand-37bit_334_02_EN

VR20M-MF/
VR50M-MF



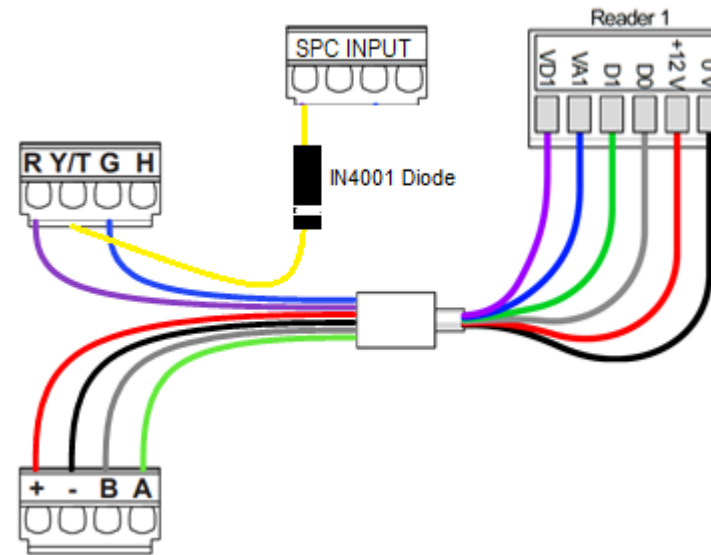
Configuration of VR20M-MF/VR50M-MF - Mifare:

- > 1 remove Jumper
- > 2 remove Jumper for Wiegand 37 bit  Wiegand 37 Bit
- > 3 remove Jumper (in Wiegand mode EOL is not fitted)

* This indicates the bottom of the reader

Please note!

- On page 14 and 15 from manual 0 and 12V are switched
 - do not wire the horn output
 - (optional) Y/T Terminal is for Tamper, use therefore a zone input and configure it for 1K EOL and define the input as a tamper zone type.
- Use a IN4001 diode in series with the input, with the anode pointing towards the SPC input.



SPCA210.100



Configuration in SPC via web browser:

- Configuration
 - Doors
 - Location – click on Door controller
 - Select reader profile by affected reader interface → „AR618X“
- Configuration
 - System
 - System options
 - Door
 - Card Formats – Edit -> check all card formats

Note:

- Tested with: SPC Software version v3.8.5, SPCA210.100 v2.02
- Prefix function for system arming is available on this reader version
- Arming/Disarming with Card+PIN or PIN only works
- 10-digit card number using Wiegand 32 bit or Wiegand 56 bit
- 5-digit card number using Wiegand 26 bit
- Same card number as using VR10 or VR40 with OSDP module

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