

SY-10/xR

Magnetic or Barcode Reader with Numeric Keypad



SY-10 is a magnetic or barcode card reader with a keyboard. It can be connected to Synel terminals such as: Access III, SY-405, SY-785 and others. The SY-10 does not decode the card but transfers the signals to the controller for decoding in RS-422 transmission format, in a range of up to 980 feet (300 m). The keyboard is managed internally, it can be used for inserting the pin code or for the identification number. The unit includes a bi-color LED controlled by an external controller or the unit itself, according to the jumper setting.



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SY-10/SY-10xR

SY-10xR

SY-10xR is a magnetic or bar-code card reader with a keyboard and a transmitter. It pertains to the SY-10 magnetic/barcode reader emulation series. The SY-10xR decodes the card and transfers the signal serially in RS-232 protocol. The data is transmitted immediately without any polling. The keyboard is managed internally. The keyboard can be used for inserting the pin code or for the identification number. The unit includes a bi-color LED controlled internally.

Technical Specifications

- Man-machine interface:
- LED indicator for power ON
- Keypad
- Bi-color control LED
- Bell button
- Internal buzzer
- Output signal: negative logic 10mA max.
- Power supply: 5V DC or 12 V DC @ 120mA
- Magnetic or Barcode reader

Physical Characteristics

Dimensions: Height: 5.5 in. (14 cm)
Width: 3.5 in. (9 cm)
Depth: 1.8 in. (4.5 cm)
Weight: 7 oz. (200 gr.)
Operating temperature: 41 to 122°F (5 to 50°C)
Relative humidity: 90% non-condensing

SY-10 Models

SY-10M - magnetic track II reader, terminal block output
SY-10MJ - magnetic track II reader, RJ-45 output
SY-10P - magnetic track I reader, terminal block output
SY-10PJ - magnetic track I reader, RJ-45 output
SY-10B - barcode reader, terminal block output
SY-10BJ - barcode reader, RJ-45 output

SY-10xR Models

SY-10MR - magnetic track II reader, terminal block output
SY-10PR - magnetic track I reader, terminal block output
SY-10BR - barcode reader, terminal block output

Communication

- Output of SY-10 is RS-422 transmission format
- Output of SY-10xR is RS-232 protocol
- Baud rate: 9600
- Data bits: 8
- Parity: none



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