Amano WPK

Wiegand Plastic Keypad Reader

KEY FEATURES

- Communications distance of up to 500 feet (150 m).
- Suitable for OEM developments.
- Multiple Wiegand output formats (26-bit and 44-bit).
- Read capability from various tag types: Slim Tags, Omega Tags, Amano Trinary Tags (1074 and 2074) and HID Tags (H10301, H10302 and H10304).
- A single tri-colored Red, Green or Amber Status LED.
- A 4 kHz piezo-electric Buzzer.
- 12-Button alphanumeric keypad
- An external Wiegand communications bus interface.
- Dual input voltage types supported (5 V DC and 12 V DC).
- Programmable facility code for use with PIN-code entry.

Amano WPK Plastic Keypad Reader

PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)	4.44" x 3.19" x 1.26" (113mm x 81mm x 32mm)
Weight	6.5 oz (185g)
Housing Material	ABS Plastic.
Color	Dark Gray

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-13°F to +140°F (-25°C to +60°C)
Storage Temperature	-40°F to +176°F (-40°C to +80°C)
Humidity Range	0 to 95% relative humidity at +104°F (+40°C) non-condensing.
CE Approval	EN301 489-3, EN301 489-1 and EN300 330-1.
FCC Approval	Pending.
Dust & Splash Resistance	Designed to work in indoor or outdoor environments similar to IP53.

![AMANO logo]

Revision 0709
Information subject to change without prior notice

ELECTRICAL SPECIFICATIONS

POWER

Input Voltage Rating	5 V DC to 16 V DC, polarity sensitive.	
Power Requirements	*Current (mA)*	*Power (W)*
Supply Voltage 5 V DC all indicators on	50	0.25
Supply Voltage 12 V DC all indicators on	50	0.60
Permissible Input Supply Ripple Voltage (Max)	1 V pp at 50 Hz	
Power Input Protection	Reverse polarity protection is provided on the Reader.	

PIN-CODES

Type	5 Digit codes in the range 00000 to 65535.
	4 Digit codes in the range 0000# to 9999#.

WIEGAND BUS

Electrical Interface	'0' and '1' data streams.
Tag Information Data Format	44-bit Wiegand or 26-bit Wiegand.
Key Information Data Format	26-bit Wiegand only.

INPUTS

Quantity	4
Type	Dry Contact.
Function	Operation of the Buzzer, LED and Scanner Inhibit.

USER INTERFACES

BUZZER

Volume & Tone	4 kHz piezo-electric, single volume, single tone.

KEYPAD

Keys	12 Alphanumeric keys.

STATUS INDICATOR

Status LED	Tri-colored Red, Green or Amber (Default) (externally visible).

ORDERING INFORMATION

WPK900-1-0-AC	Amano ABS Plastic Keypad Proximity Card Reader (Multi-mode)

Amano reserves the right to change specifications without prior notice.

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