

PAC® Oneprox | Proximity Keypad Reader

Reliable and attractive design, suitable for high security installations

Overview

The Proximity Keypad Reader is part of PAC's product portfolio of proximity readers for access control which combine ease-of-installation, reliability and performance- giving you the confidence of security between both the card and reader.

This reader offers outstanding reliability in a tough polycarbonate UV polymer compound making it virtually vandal resistant and ideal for vandal prone installations in elevators, schools, campuses, car park reader posts and other unsupervised public places - both indoors and out. The illuminated and weatherised keypad provides an additional level of security by allowing the cardholder to enter a personal identification number (PIN) in conjunction with the card.

The single-piece Keypad delivers read ranges up to 120mm (4.72 inches) and operates from 10.5 to 18 VDC allowing for flexibility in the use of power supplies. In most cases, it can be powered directly from a PAC Access Controller (PAC 512).

PAC's Oneprox™ reader range offers a single card access solution for reading both PAC (153KHz) and KeyPAC (125 KHz) proximity technologies, providing an incredibly versatile access control solution. This cost-effective solution enables customers to transition from PAC to KeyPAC over time or to utilise both technologies in their facility.

In operation, the reader has two LEDs (light emitting diodes) that emits red or green lights, with the red remaining lit when the reader is active. When it senses the presentation of a valid key or card the red LED extinguishes and the green lights to indicate that access has been granted, together with optional audible feedback to the user.

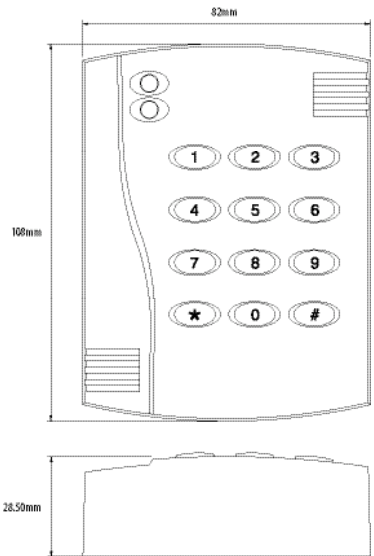
Key Features

- Up to 120mm (4.72 in.) reading range
- Reads PAC® Oneprox™, KeyPAC (125KHz) and PAC (153KHz) technologies
- Proximity only, PIN only or proximity and PIN
- Two exposed LED's showing door status
- Dual verification device, proximity and PIN entry for added security
- Audible sounder
- Fast and dependable read times
- Easy installation with industry standard, low cost 6-core alarm cable
- Compatible with the 512 door controller series
- Hidden mounting screws deter vandalism
- Sealed and rugged enclosure to withstand harsh environments



Features and Specifications Chart

PAC Oneprox Proximity Keypad Reader	
Description	Proximity Keypad reader
ID Technology	PAC Oneprox (works with PAC and KeyPAC)
Programmable output format	PAC
Dimensions	H: 106mm (4.17") W: 82mm (3.2") D: 28mm (1.1")
Weight	0.22kg nominal
Maximum Read Range	Up to 120mm (4.7 in.)
Environment	IP66 - Indoor / Outdoor weather resistant
Maximum Current Requirements	< 120mA
Operating Voltage	5 VDC to 16 VDC
Recommended Cable Type	6-core 24AWG alarm cable
Operating Temperature	-20° to +60° C
Operating Humidity	100% relative humidity non-condensing
Audiovisual Indication	Bi-colour LED (red-green) and audible sounder
Material	Moulded Polycarbonate
Certifications	CE Mark, Fifteen EU Countries under the R&TTE Directive (EN60950 - ITE Electrical Safety, ETS EN 300 330 - SRD, and ETS EN 301 489 - EMC)
Ordering Information PAC Part Number	20473 - PAC Oneprox Keypad Reader (surface mount)



PAC Cards and Tokens

The PAC Oneprox Keypad Reader is the perfect partner for PAC's portfolio of PAC/KeyPAC technology tokens and cards.



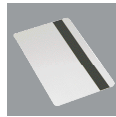
21020 - PAC Token
(with black clip)



20204 - PAC Token without clip
(a range of coloured clips available)



21039 - PAC ISO Proximity
Card (pack of 10)



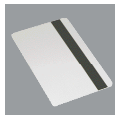
21041 - PAC ISO Proximity Card
with Magstripe (pack of 10)



20250 - KeyPAC Token



21030 - Proximity Card (ISO)



21031 - Proximity Card (ISO)
with Magstripe



20092 - Proximity Card
(Clamshell)

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