



PP1-12V-SC MAGNETIC STRIPE READER

INSTALLATION AND MAINTENANCE GUIDE

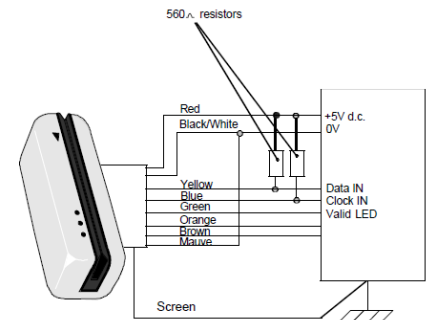
INFORMATION

GENERAL: These readers manufactured by Paxton Access are made from tough metal. The electronics are encapsulated in a waterproof resin and the read head is constructed from stainless steel making it suitable for external use. The readers may be used in harsh weather conditions as it is waterproof to IPX7. The read head is durable and rated at over 1,000,000 swipes, making it suitable for all applications. The superb aesthetics of the reader make it a clear choice for sites where aesthetics are important. The reader is popular with architects and specifiers.

CONNECTION: The drivers in the electronic circuitry allow for cables to control units to achieve distances of up to 150m. It is recommended that Belden 9536 cable or equivalent is used between the reader and terminal/door controller. Always follow the manufacturers recommendations when connecting to other equipment.

IF CABLING IS ROUTED OUTDOORS, UNDERGROUND OR IN DUCTING PRONE TO WETNESS, THE APPROPRIATE CABLE MUST BE USED.

IP+ DOOR	EVOLUTION DOOR	CONNECTION	READER CONNECTOR
+5V	+V	+Vcc	RED
C/IN1	C/IN1	DATA 1/CLK	BLUE
D/IN2	D/IN2	DATA 0/DAT	YELLOW
OUT	OP?	VALID LED	GREEN
0V	0V	GROUND	BLACK/WHITE/MAUVE



MOUNTING: The PP1-12V is provided with a back plate to provide extra strong fixing. This can also be used to provide fixing onto irregular or weak surfaces.

MEDIA: The reading specifications for the PP1-12V are as follows:

Media Speed: 125<vcard<1250mms-1
 Media Acceleration: a card max=500mms-32
 Magnetic Stripe Coercivity: 50<H<60000Oe
 Media Amplitude: min=20%
 Track Read: 2

SPECIFICATION:

Voltage:

Operation: +12 Vdc
 Data Output: Open collector (pulled up internally to 5v via a resistor)

Power Consumption:

Maximum: 20 mA Typical

Dimensions:

89 (L) 34 (H) 34 (W) mm

Mechanical:

Housing: 20% glass filled Noryl with fully encapsulated electronics

Mounting: Wall surface

Weight: 340g nominal

Interface: Magnetic Stripe

Data Output: Clock Data

Cable Supplied: 5m

Environmental: Operating Temp: -20°C to +70°C

Ingress protection: High IPX7



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