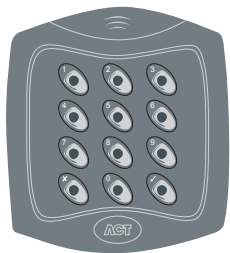


Wiring for Entry/Exit Readers

ACTPro Product Range

1030/1040/1050/1060

ACT1050 Pin and Proximity Reader (Entry)



ACT1030 Proximity Reader (Exit)



Wire both readers in parallel but leave the SENSE line on the Exit reader unconnected.

For Wiegand readers .

Wire both readers in parallel but connect D0 line of the exit reader into the SENSE line on the controller,leave the SENSE line on the Exit reader unconnected.

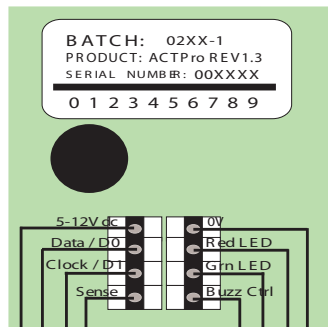
Wiring for Clock and Data / Wiegand Reader

White	Sense
Green	Clock / Data1
Blue	Data / Data 0
Red	+5v
Black	0v
Brown	Red Led
Yellow	Grn Led
Orange	(Buzzer Ctrl)

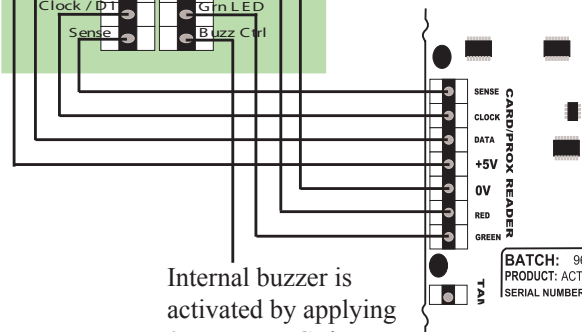
The standard wiring colours for ACTPro Proximity and Pin readers is shown above. Readers should be a maximum of 30m from the controller when powered from +5V and a maximum of 100m when powered from +12V.

The above diagram is valid only for clock-and-data type readers.

The +5V reader supply on ACT controllers is normally rated at 100mA. Typically this is sufficient to power 2 ACT readers. Note however that readers from other manufacturers may need to be powered separately if their current requirements exceed this or if they require 12V.



Rear view of ACTPro 1040/1050/1060 connected to the ACT2000/1000/DS100



Internal buzzer is activated by applying 0V to Buzz Ctrl



Fig 1 Mounting instructions for flush mount unit

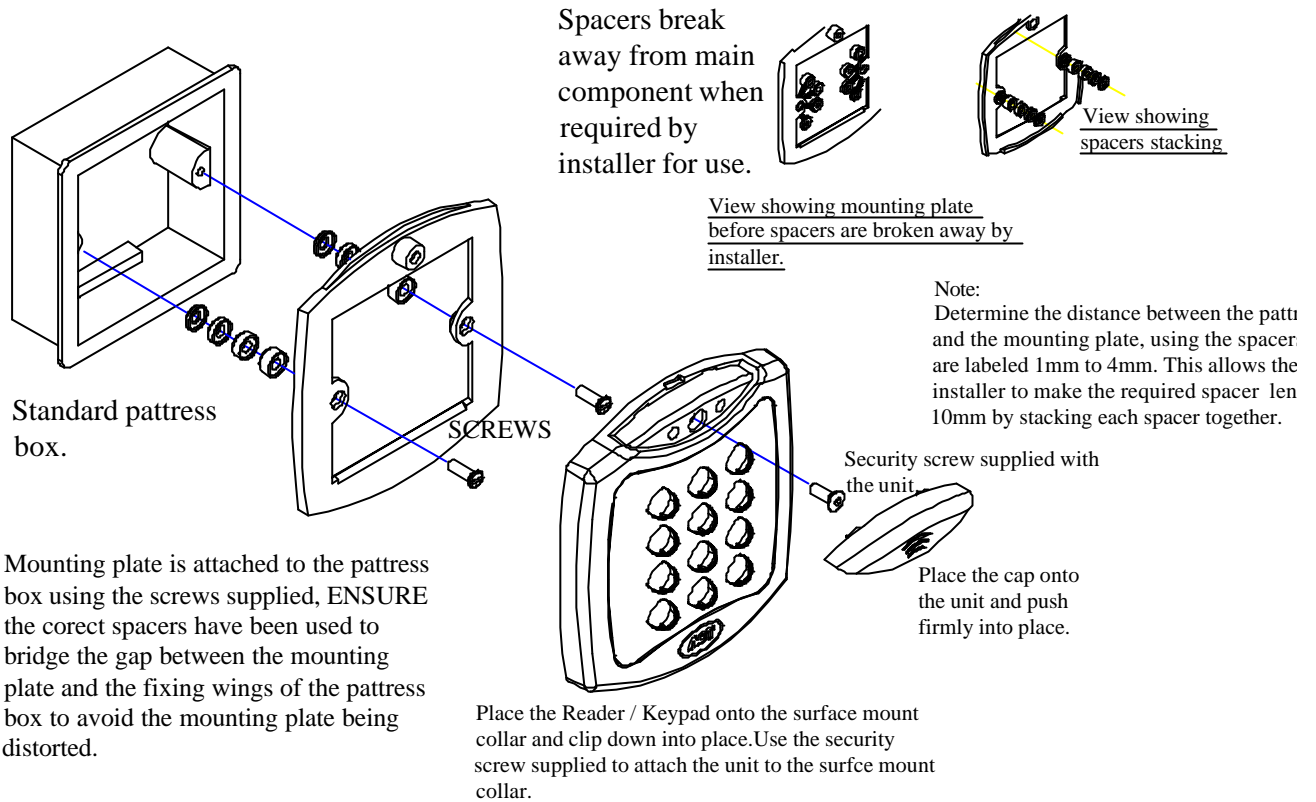


Fig 2 Mounting instructions for surface mount unit

