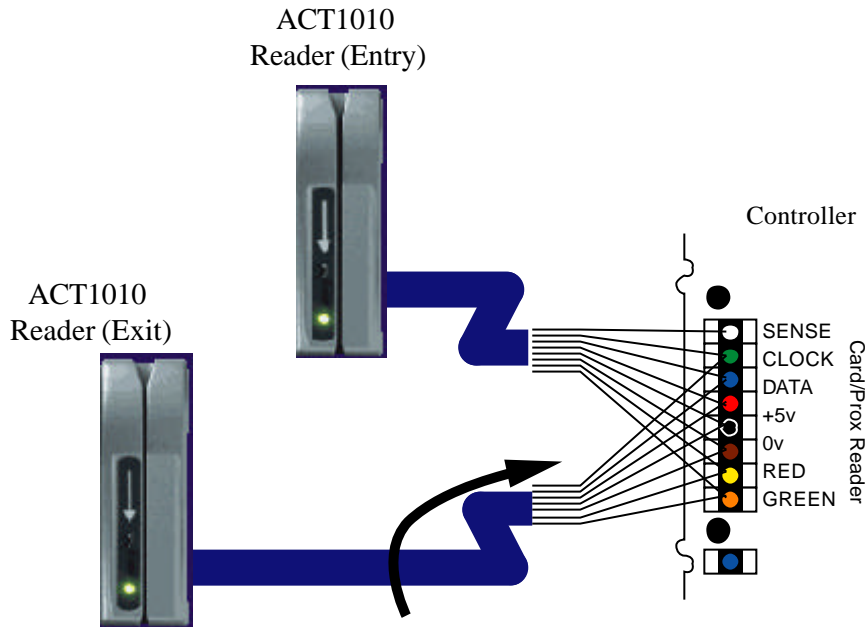


The ACT1010 is configured to read ISO Track 2 of magnetic stripe card media.



Wiring for Clock and Data

White	SENSE
Green	CLOCK
Blue	DATA
Red	+5V
Black	0V
Brown	RED
Yellow	GREEN
Orange	Not Connected

The standard wiring colours for ACT1010 reader 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.

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

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.

Reader Specification

Voltage:	5-12V DC
Current:	15 mA standby, 20 mA maximum
Operating Temperature:	-10 degrees C to +55 degrees C
Media:	ISO standard high or low coercivity magnetic card
Speed:	12.7-172 cm/s
Head Life	>1,000,000 passes
Cable:	3m x 8-core screened
Reader Distance:	Max 30m from controller powered with 5V DC Max 100m from controller powered with 12V DC