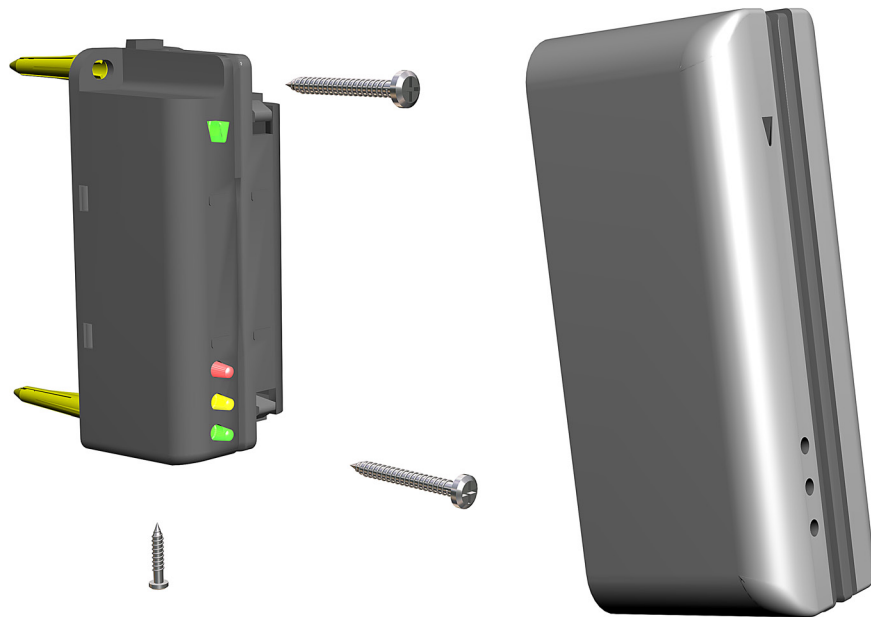


Ins-30104 OEM Magstripe Clock and Data reader with Buzzer option

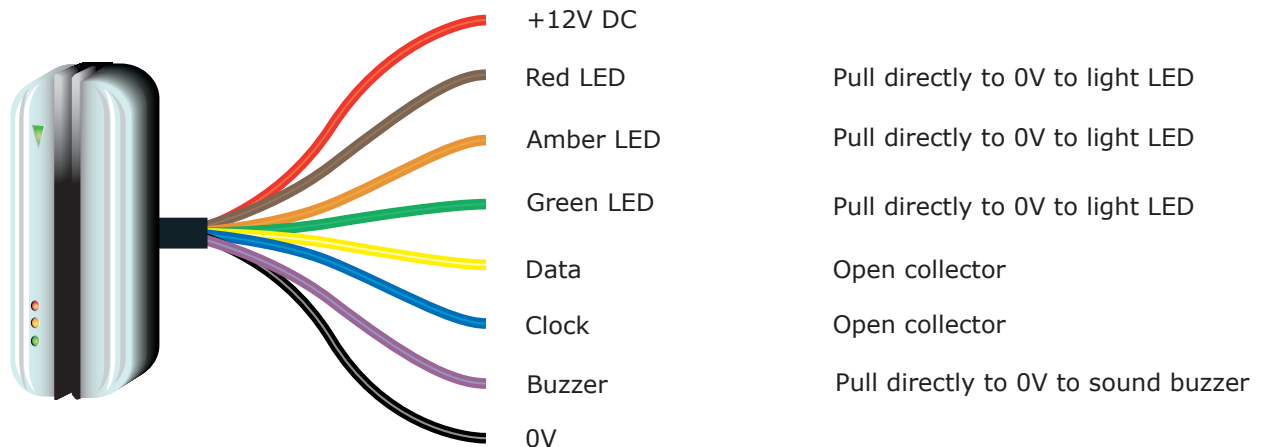
Suitability

Wet environments	✓	Security-sensitive doors	✓
Mounted on metal surface	✓	Readers mounted together	✓

Fitting



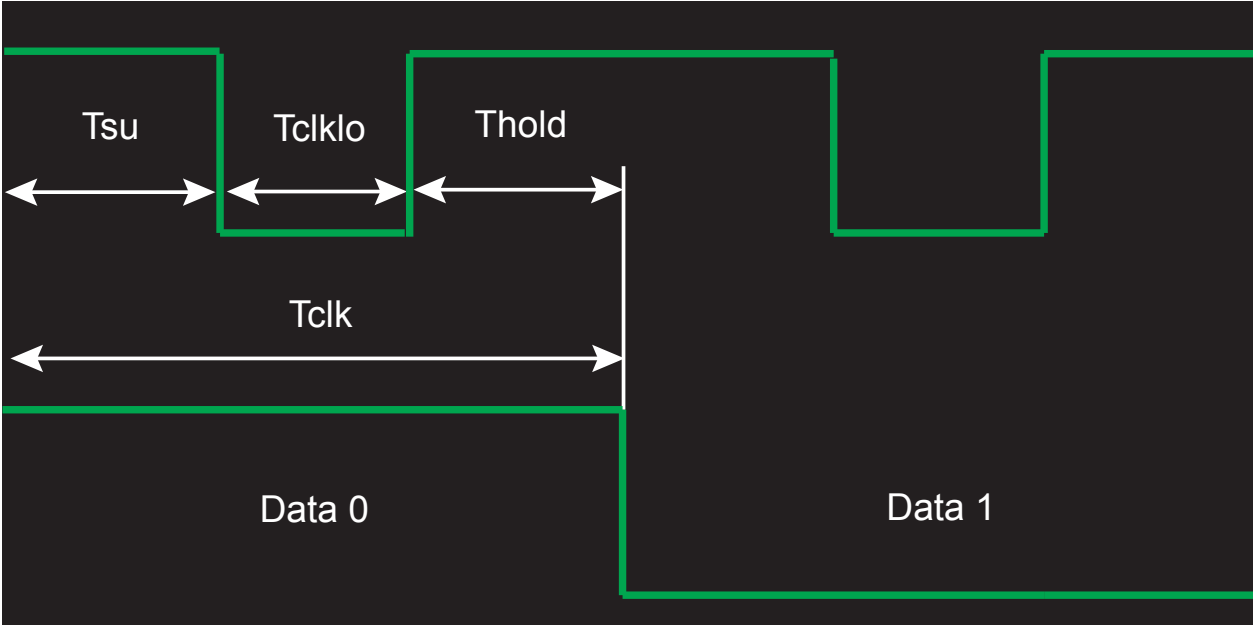
Wiring



Cable extensions

Readers can be extended using Belden CR9540 10-core overall screened cable to a maximum of 100 metres.

Output format



Data Period (Tclk)	600 μs
Data Setup Time (Tsu)	200 μs
Data Clock Low (Tclklo)	200 μs
Data Hold Time (Thold)	200 μs

Specifications			
Environment	Min	Max	
Operating temperature	-20 °C	+55 °C	
Cable length			5 metres
IP Rating	IPX7		Outdoor use
Reader head life	1,000,000		Swipes
Electrical			
Voltage	8V DC	14V DC	
Current	90 mA	110 mA	
Clock and data bit period			600 μs
Media speed	125 mm/s	1250 mm/s	
Media acceleration		500 mm/s²	
Magnetic stripe coercivity	300 Oe	4000 Oe	
Dimensions	Width	Height	Depth
Reader	34mm	89mm	34mm