

# Card Reader Wiring Addendum

For typical installations with power supply voltages of 12V and above, the connecting cable between the access control panel and card reader requires no larger than 22AWG conductors for up to

500 feet. For power supplies below 12V, 18AWG conductors may be necessary to ensure proper data transmission. Always refer to the reader's specifications for wiring recommendations.

## CABLES FOR CARD READERS

All cables below have been approved for use with Honeywell Access Control systems. For more cable options,

visit [www.honeywellcable.com](http://www.honeywellcable.com). Requirements: 22-18 AWG, 6 Stranded Conductors, Overall Shielded

Description	General Purpose CM Listed	Plenum CMP Listed
22/6 Stranded Overall Shielded	1206	3206
18/6 Stranded Overall Shielded	1216	3216

## PROFUSION™ ACCESS CONTROL CABLES

Application	Sub-Application	Description	Riser Rated CMR Listed	Plenum Rated CMP Listed
Access Point (Standard)	Door Strike	18/4 STR	2195	3195
	Card Reader	22/6 STR OAS		
	Door Contact	22/2 STR		
	Request-to-Exit	22/4 STR		
Access Point (Noise Sensitive)	Door Strike	18/4 STR OAS	2295	3295
	Card Reader	22/6 STR OAS		
	Door Contact	22/2 STR OAS		
	Request-to-Exit	22/4 STR OAS		

## OVERALL JACKET ACCESS CONTROL CABLES

Application	Sub-Application	Description	Riser Rated CMR Listed	Plenum Rated CMP Listed
Access Point (Standard)	Door Strike	18/4 STR	2196	3196
	Card Reader	22/6 STR OAS		
	Door Contact	22/2 STR		
	Request-to-Exit	22/4 STR		
Access Point (Noise Sensitive)	Door Strike	18/4 STR OAS	2296	3296
	Card Reader	22/6 STR OAS		
	Door Contact	22/2 STR OAS		
	Request-to-Exit	22/4 STR OAS		

### Automation and Control Solutions

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