

# CONNECTOR WIRING DIAGRAMS AND PIN OUT CHARTS

Pre-wired Diagrams	M8 Pico (C Series Cable)	M12 Micro DC (R Series Cable)	7/8"-16 UN2A Mini (Z Series Cable)
<b>2-wire DC Output</b>			
<b>Normally Open</b>			
	<p>1 - Not Used 3 - Blue 4 - Brown</p>	<p>1 - Not Used 2 - Not Used 3 - Blue 4 - Brown</p>	
<b>Normally Closed</b>			
	<p>1 - Blue 3 - Not Used 4 - Brown</p>	<p>1 - Blue 2 - Not Used 3 - Not Used 4 - Brown</p>	
<b>3-wire DC Output</b>			
<b>NPN Normally Open</b>			
	<p>1 - Brown 3 - Blue 4 - Black</p>	<p>1 - Brown 2 - Not Used 3 - Blue 4 - Black</p>	<p>1 - Black 2 - Blue 3 - Brown 4 - Not Used</p>
<b>NPN Normally Closed</b>			
	<p>1 - Brown 3 - Blue 4 - Black</p>	<p>1 - Brown 2 - Not Used 3 - Blue 4 - Black</p>	
<b>PNP Normally Open</b>			
	<p>1 - Brown 3 - Blue 4 - Black</p>	<p>1 - Brown 2 - Not Used 3 - Blue 4 - Black</p>	<p>1 - Black 2 - Blue 3 - Brown 4 - Not Used</p>
<b>PNP Normally Closed</b>			
	<p>1 - Brown 3 - Blue 4 - Black</p>	<p>1 - Brown 2 - Not Used 3 - Blue 4 - Black</p>	
<b>4-wire DC Output</b>			
<b>NPN Normally Open &amp; Normally Closed</b>			
		<p>1 - Brown 2 - White 3 - Blue 4 - Black</p>	<p>1 - White 2 - Red 3 - Not Used 4 - Orange 5 - Black</p>
<b>NPN Normally Open &amp; Normally Closed</b>			
		<p>1 - Brown 2 - White 3 - Blue 4 - Black</p>	<p>1 - White 2 - Red 3 - Not Used 4 - Orange 5 - Black</p>
<b>2-wire AC Output</b>			
<b>Normally Open</b>			
		<p>1 - Yellow / Green 2 - Red / Black 3 - Red / White</p>	
<b>Normally Closed</b>			
		<p>1 - Yellow / Green 2 - Red / Black 3 - Red / White</p>	
<b>2-wire AC/DC Output</b>			
<b>Normally Open</b>			
		<p>1 - Yellow / Green 2 - Red / Black 3 - Red / White</p>	<p>1 - Yellow / Green 2 - Black 3 - White</p>
<b>Normally Closed</b>			
		<p>1 - Yellow / Green 2 - Red / Black 3 - Red / White</p>	<p>1 - Yellow / Green 2 - Black 3 - White</p>