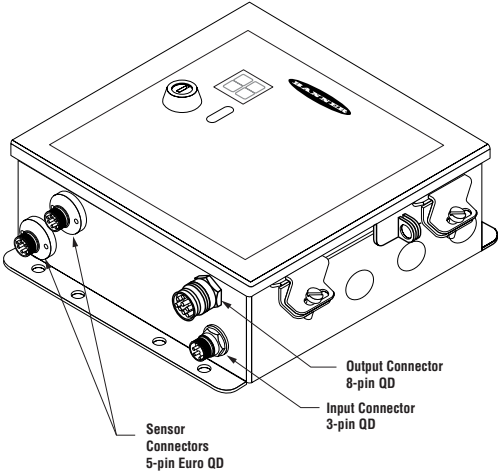


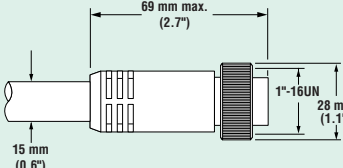
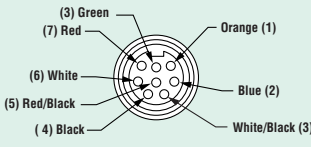
MICRO-SCREEN Controller Modifications

Banner will quote special MICRO-SCREEN systems or components, including modifications to sensors and/or controllers. Following is one example of a special MICRO-SCREEN controller.

Model	Modifications	Cable Used	Connectors and Features																															
USCD-1T2-50663 Base Controller Model: USCD-1T2 (see page 78)	Added two 5-pin connectors for emitter and receiver	DEU-5..C (see pg 94)																																
	Added one 8-pin connector for output connections	QDC-8.. (see below)		<p>Sensor Connectors</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>1</td><td>+12V dc</td></tr> <tr><td>2</td><td>TR</td></tr> <tr><td>3</td><td>COM</td></tr> <tr><td>4</td><td>TR</td></tr> <tr><td>5</td><td>DRAIN</td></tr> </tbody> </table> <p>Output Connector</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>1</td><td>SSD a</td></tr> <tr><td>2</td><td>FSD2 a</td></tr> <tr><td>3</td><td>FSD2 b</td></tr> <tr><td>4</td><td>FSD1 a</td></tr> <tr><td>5</td><td>FSD1 b</td></tr> <tr><td>6</td><td>SSD b</td></tr> <tr><td>7</td><td>AUX a</td></tr> <tr><td>8</td><td>AUX b</td></tr> </tbody> </table>	Pin #	Description	1	+12V dc	2	TR	3	COM	4	TR	5	DRAIN	Pin #	Description	1	SSD a	2	FSD2 a	3	FSD2 b	4	FSD1 a	5	FSD1 b	6	SSD b	7	AUX a	8	AUX b
	Pin #	Description																																
1	+12V dc																																	
2	TR																																	
3	COM																																	
4	TR																																	
5	DRAIN																																	
Pin #	Description																																	
1	SSD a																																	
2	FSD2 a																																	
3	FSD2 b																																	
4	FSD1 a																																	
5	FSD1 b																																	
6	SSD b																																	
7	AUX a																																	
8	AUX b																																	
Added one 3-pin connector for power input	MBCC-3.. (see below)	<p>Input Connector</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>1</td><td>Ground</td></tr> <tr><td>2</td><td>L</td></tr> <tr><td>3</td><td>N</td></tr> </tbody> </table>	Pin #	Description	1	Ground	2	L	3	N																								
Pin #	Description																																	
1	Ground																																	
2	L																																	
3	N																																	

Optical Safety Systems

Cables for Specials

Model	Length	Wire	Termination	Dimensions	Pinout
QDC-820 QDC-850	7.5 m (20') 16 m (50')	16 ga	8-pin Female connector on one end		
MBCC-306 MBCC-312 MBCC-330	2 m (6.5') 4 m (12') 9 m (30')	18 ga	3-pin Mini-style Female connector on one end	