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# MBE4816Q

## ▶ PRODUCTS FOR INDUSTRIAL AUTOMATION



2 Piece Mini-Array Basic Series: Emitter  
 3/4 in Optical Spacing, Sensing Length: 1210 mm  
 Range: 2 m, Input Voltage 16 to 30 V dc  
 Connection: Integral Euro 8-pin Male M12  
 Part Number: 810822

### CERTIFICATIONS



### SPECIFICATIONS

<b>Sensing Mode (Detailed)</b>	Emitter
<b>Device Type</b>	Two-Piece
<b>Primary Housing Material</b>	Aluminum
<b>Beam Spacing</b>	19 mm
<b>DeviceNet</b>	No
<b>IO Link</b>	No
<b>Modbus RTU</b>	No
<b>RS-232</b>	No
<b>RS-485</b>	No
<b>Analog Output</b>	No

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<b>Number of Beams</b>	64
<b>Min Temp (°C)</b>	-40
<b>Housing Length (mm)</b>	1295
<b>Array Length (mm)</b>	1210
<b>Max Temp (°C)</b>	70
<b>Minimum Object Sensitivity (mm)</b>	25.4-38.1
<b>Discrete Output</b>	N/A
<b>Emitter/Receiver Range (m)</b>	2
<b>Max Relative Humidity</b>	95%
<b>Power Supply</b>	16-30 V dc

## COMPATIBLE PRODUCTS

### BRACKET


	<p><b>MAB-MBK-EB</b></p> <p>Bracket: Mini Array Basic Mounting End Cap Bracket</p>
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### SINGLE-ENDED CORDSETS

	<p><b>MAQDC-806</b></p> <p>Cordset A-Code M12 Single Ended 8-Pin Straight Female Connector with Shield 2.00 m (6.56 ft) in Length Black PVC Jacket, Nickel Plated Brass Nut</p>
	<p><b>MAQDC-815</b></p> <p>Cordset: Power and I/O Euro M12 8-pin Quick Disconnect Connector Cable length: 4.58 m (15 ft)</p>
	<p><b>MAQDC-830</b></p> <p>Euro M12 8-pin Quick Disconnect Connector Cable length: 9.14 m (30 ft)</p>

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**MAQDC-850**

Cordset A-Code M12 Single Ended  
8-Pin Straight Female Connector with Shield  
15.00 m (49.20 ft) in Length  
Black PVC Jacket, Nickel Plated Brass Nut



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