



# 10 MM MINIATURE VALVES

## Specifications

**Medium:** Air, Gas or other Compatible Fluids

**Working Pressure:** See Chart below

**Max. Flow Rate:**

0.020" Orifice: 0.5 scfm (14 lpm)  
0.030" Orifice: 1.1 scfm (31.2 l/min)

**Exhaust Flow:**

0.020" Orifice: 0.8 scfm (22.7 l/min)  
0.030" Orifice: 1.2 scfm (34 l/min)

**Response Time:** 8 ms when energized; 10 ms when de-energized

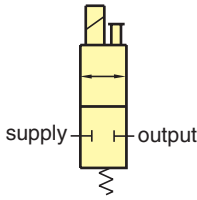
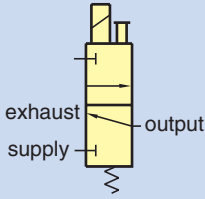
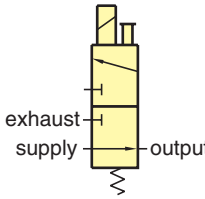
**Electrical:** 12 VDC or 24 VDC

**Power Consumption:** 0.6 or 1.3 watts dependent on orifice size and pressure

**Material:** Stainless steel core and springs, nylon body, FKM dynamic seals, and Buna-N gasket and static seals. FKM gasket and static seals available, consult factory.

**Temperature Range:** 23 to 122°F (-5 to 50°C). When below 32°F (0°C), must use clean, dry air

## Order Information

Type	Base No.	Connector	Orifice	Wattage	Working Pressure
<b>2/2 Normally-Closed</b> 	<u>E210A-1E*</u>	90° Connector	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E210C-2E*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
	<u>E210A-1L*</u>	90° Connector with LED	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E210C-2L*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
	<u>E210A-1F*</u>	In-Line Connector	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E210C-2F*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
<u>E210A-1C*</u>	In-Line Connector with LED	0.020"	0.6	14.7 to 110 psig/7.6 bar	
<u>E210C-2C*</u>		0.030"	1.3	0 to 110 psig/7.6 bar	
<u>E210A-1W*</u>	Wire Leads, 11.8" (300 mm)	0.020"	0.6	14.7 to 110 psig/7.6 bar	
<u>E210C-2W*</u>		0.030"	1.3	0 to 110 psig/7.6 bar	
<b>3/2 Normally-Closed</b> 	<u>E310A-1E*</u>	90° Connector	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E310C-2E*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
	<u>E310A-1L*</u>	90° Connector with LED	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E310C-2L*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
	<u>E310A-1F*</u>	In-Line Connector	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E310C-2F*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
<u>E310A-1C*</u>	In-Line Connector with LED	0.020"	0.6	14.7 to 110 psig/7.6 bar	
<u>E310C-2C*</u>		0.030"	1.3	0 to 110 psig/7.6 bar	
<u>E310A-1W*</u>	Wire Leads, 11.8" (300 mm)	0.020"	0.6	14.7 to 110 psig/7.6 bar	
<u>E310C-2W*</u>		0.030"	1.3	0 to 110 psig/7.6 bar	
<b>3/2 Normally-Open</b> 	<u>E3O10A-1E*</u>	90° Connector	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E3O10C-2E*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
	<u>E3O10A-1L*</u>	90° Connector with LED	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E3O10C-2L*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
	<u>E3O10A-1F*</u>	In-Line Connector	0.020"	0.6	14.7 to 110 psig/7.6 bar
	<u>E3O10C-2F*</u>		0.030"	1.3	0 to 110 psig/7.6 bar
<u>E3O10A-1C*</u>	In-Line Connector with LED	0.020"	0.6	14.7 to 110 psig/7.6 bar	
<u>E3O10C-2C*</u>		0.030"	1.3	0 to 110 psig/7.6 bar	
<u>E3O10A-1W*</u>	Wire Leads, 11.8" (300 mm)	0.020"	0.6	14.7 to 110 psig/7.6 bar	
<u>E3O10C-2W*</u>		0.030"	1.3	0 to 110 psig/7.6 bar	

\*Add Voltage Choice to the end of each Base Part Number. Example: E210A-1C012