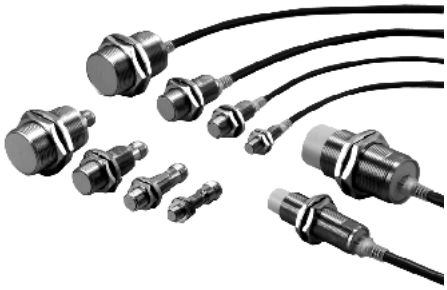
OMRON

Extended Range Inductive Prox

E2EM

Greater Sensing Distance Offers Greater Design Flexibility

- Sensing distances approximately 1.5 to 2 times larger than that of any conventional Sensor
- Reduces problems such as the collision of workpieces
- The E2EM has no polarity, thus eliminating problems associated with reversed wiring



Ordering Information

■ DC 2-WIRE/PRE-WIRED MODELS

Type	Size	Sensing distance	Part number	
			NO	NC
Shielded	M12	4 mm	**E2EM-X4X1**	**E2EM-X4X2**
	M18	8 mm	**E2EM-X8X1**	**E2EM-X8X2**
	M30	15 mm	**E2EM-X15X1**	**E2EM-X15X2**
Unshielded	M18	16 mm	**E2EM-X16MX1**	**E2EM-X16MX2**
	M30	30 mm	**E2EM-X30MX1**	**E2EM-X30MX2**

■ DC 3-WIRE/PRE-WIRED MODELS

Type	Size	Sensing distance	Output Configuration	Part number	
				NO	NC
Shielded	M8	2 mm	NPN	**E2EM-X2C1**	**E2EM-X2C2**
			PNP	**E2EM-X2B1**	**E2EM-X2B2**
	M12	4 mm	NPN	**E2EM-X4C1**	**E2EM-X4C2**
			PNP	**E2EM-X4B1**	**E2EM-X4B2**
	M18	8 mm	NPN	**E2EM-X8C1**	**E2EM-X8C2**
			PNP	**E2EM-X8B1**	**E2EM-X8B2**
	M30	15 mm	NPN	**E2EM-X15C1**	**E2EM-X15C2**
			PNP	**E2EM-X15B1**	**E2EM-X15B2**

■ DC 3-WIRE/CONNECTOR MODELS

Type	Size	Sensing distance	Output Configuration	Part number	
				NO	NC
Shielded	M8	2 mm	NPN	**E2EM-X2C1-M1**	**E2EM-X2C2-M1**
			PNP	**E2EM-X2B1-M1**	**E2EM-X2B2-M1**
	M12	4 mm	NPN	**E2EM-X4C1-M1**	**E2EM-X4C2-M1**
			PNP	**E2EM-X4B1-M1**	**E2EM-X4B2-M1**
	M18	8 mm	NPN	**E2EM-X8C1-M1**	**E2EM-X8C2-M1**
			PNP	**E2EM-X8B1-M1**	**E2EM-X8B2-M1**
	M30	15 mm	NPN	**E2EM-X15C1-M1**	**E2EM-X15C2-M1**
			PNP	**E2EM-X15B1-M1**	**E2EM-X15B2-M1**

■ ACCESSORIES (ORDER SEPARATELY)

Mounting Brackets

Four kinds of resin mounting brackets are available. Choose an appropriate one depending on external dimensions

Description		Part number
Mounting brackets	Fits M8 size sensors	**Y92E-B8**
	Fits M12 size sensors	**Y92E-B12**
	Fits M18 size sensors	**Y92E-B18**
	Fits M30 size sensors	**Y92E-B30**

Note: When using the Mounting Brackets for unshielded models, pay attention to the influence of surrounding metals. (For dimensions of Sensors, refer to the dimensions shown for each model.)