E2K-C

CSM_E2K-C_DS_E_5_4

Long-distance Capacitive Sensor with Adjustable Sensitivity

- CE Marking for DC 3-wire models and AC/DC 2-wire models.
- Noise-resistant models are also available for environments with strong noise.



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.



Be sure to read *Safety Precautions* on page 7.

Ordering Information

Sensors [Refer to Dimensions on page 8.]

Appearance		Sensing distance (Adjustable range)		Model				
				Output configuration	Operation mode			
					NO	NC		
						DC 3-wire, NPN	E2K-C25ME1 2M	E2K-C25ME2 2M
Standard Models	Unshielded 34 dia.			25 mm (3 to 25 mn		DC 3-wire, PNP	E2K-C25MF1 2M	E2K-C25MF2 2M
						AC 2-wire	E2K-C25MY1 2M	E2K-C25MY2 2M
Noise-resistant Models			20 1	mm	n	DC 3-wire, NPN	E2K-C20MC1 2M	E2K-C20MC2 2M
Noise-resistant Models				(3 to 20 mm)		AC/DC 2-wire	E2K-C20MT1 2M	E2K-C20MT2 2M

Accessories (Order Separately)

Mounting Brackets A Mounting Bracket is provided.

[Refer to *Dimensions* on page 8.]

Appearance	Model	Quantity	Remarks
	Y92E-A34	1	Provided with the product.

Ratings and Specifications

Standard Models

Sensing distance Sensing Sensing Heat-resistance Sensing Sensing Heat-resistance Mounting Bracket, M4 serews, Instruction manual	Item	Model	E2K-C25M□1	E2K-C25M□2	E2K-C25MY1	E2K-C25MY2		
Sensing distance digustable range					221(02011) 1	2211 0201111		
Conductors and delectrics	*		25 mm					
Standard enabling object Grounded metal plate: 50 x 50 x 1 mm Titlemental travel 10% max. of sensing sensing distance (when adjusted to 25 mm ±10% with standard sensing object) Responsered to Hz Reponsered to Hz 10 Hz			3 to 25 mm					
Grounded metal piate: 50 × 50 × 1 mm	Detect	able object	Conductors and dielectrics					
Response requency req			Grounded metal plate: 50 × 50	0 × 1 mm				
To Pic	Differe	ntial travel	15% max. of sensing sensing	distance (when adjusted to 25	mm ±10% with standard sensin	g object)		
100 to 220 VAC (90 to 250 VAC), 50/60 Hz			70 Hz		10 Hz			
Leakage current Concluded to the Conference of Conference	Power supply voltage (operating voltage range) 12 to 24 VDC (10 to 30 VDC), ripple (p-p): 10% max. 100 to 220 VAC (90 to 250 Vac)			100 to 220 VAC (90 to 250 VA	.C), 50/60 Hz			
Continue Continu			E and F Models: 10 mA max.	at 12 VDC, 16 mA max. at 24 V	/DC			
Current Cu	Leakaç	ge current		AC (50/60 Hz) with output turne	ed OFF, 2 mA max. at 200 VAC	(50/60 Hz) with output turned		
ndicators Detection indicator (red) E1, F1, and Y1 Models: NO E2, F2, and Y2 Models: NO E2, F2, F2, F2, F2, F2, F2, F2, F2, F2, F	Con- trol		200 mA max.		5 to 200 mA (resistive load)			
Departion mode with sensing belief approaching E1, F1, and Y1 Models: NC E2, F2, and Y2 Models: NC E2, F2, E2, E2, E2, E2, E2, E2, E2, E2, E2, E	out- put		2 V max. (Load current: 200 mA, Cable length: 2 m) Refer to Engineering Data on page 4.			page 4.		
E1, F1, and Y1 Models: NO E2, F2, and Y2 Models: NO Refer to the timing charts under I/O Circuit Diagrams on page 5 for details.	Indicat	Operation indicator (red) Operation indicator (red)						
Ambient temperature range Ambient temperature range Ambient ±15% max. of sensing distance at 23°C in the temperature range of -10 to 55°C ±25% max. of sensing distance at 23°C in the temperature range of -25 to 70°C Voltage influence ±2% max. of sensing distance at 23°C in the temperature range of -10 to 55°C ±25% max. of sensing distance at 23°C in the temperature range of -25 to 70°C Voltage influence ±2% max. of sensing distance at the rated voltage in rated voltage ±15% range ±2% max. of sensing distance at the rated voltage in rated voltage +20%, -10% range at 100 VAC, ±20% range at 200 VAC Insulation esistance Since the stance of the standard case of the sta	(with s	ensing						
Ambient Operating/Storage: -2s to 70°C (with no loing or condensation) Ambient Operating/Storage: 35% to 95% (with no condensation) Deperating/Storage: 35% to 95% (with no condensation) Premperature ±15% max. of sensing distance at 23°C in the temperature range of -10 to 55°C ±25% max. of sensing distance at 23°C in the temperature range of -25 to 70°C Voltage influence ±2% max. of sensing distance at the rated voltage in rated voltage ±15% range ±20% max. of sensing distance at 100 VAC, ±20% range at 200 VAC Insulation resistance 50 MΩ min. (at 500 VDC) between current-carrying parts and case parts and case parts and case of 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case parts and case parts and case Vibration resistance Destruction: 10 to 55 Hz, 1.5-mm double amplitude for 2 hours each in X, Y, and Z directions Destruction: 10 to 55 Hz, 1.5-mm double amplitude for 2 hours each in X, Y, and Z directions Destruction: 500 m/s² 10 times each in X, Y, and Z directions Destruction: 500 m/s² 10 times each in X, Y, and Z directions Destruction: 500 m/s² 10 times each in X, Y, and Z directions Pre-wired Models (Standard cable length: 2 m) Approx. 200 g Heat-resistant ABS Sensing surface Mounting Bracket, M4 screws, Instruction manual			Reverse polarity protection, S	urge suppressor	Surge suppressor			
Comparison Co		•	Operating/Storage: -25 to 70°	C (with no icing or condensatio	n)			
### ### #############################			Operating/Storage: 35% to 95	% (with no condensation)				
Voltage influence ±2.% max. or sensing distance at the rated voltage in rated voltage ±15% range voltage ±100 VAC, ±20% range at 200 VAC Insulation resistance 50 MΩ min. (at 500 VDC) between current-carrying parts and case 1,500 VAC, 50/60 Hz for 1 min between current-carrying parts and case Dielectric strength 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,500 VAC, 50/60 Hz for 1 min between current-carrying parts and case Wibration resistance Destruction: 10 to 55 Hz, 1.5-mm double amplitude for 2 hours each in X, Y, and Z directions Shock resistance Destruction: 500 m/s² 10 times each in X, Y, and Z directions Degree of protection method IEC 60529 IP66 Connection method Pre-wired Models (Standard cable length: 2 m) Weight packed state) Approx. 200 g Waterials Sensing surface Materials Mounting Bracket, M4 screws, Instruction manual								
Dielectric strength 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VAC, 50/60 Hz for 1 min between current-carrying parts and case 1,000 VA	Voltage	e influence		at the rated voltage in rated	voltage +20%, -10% range at			
parts and case parts and case parts and case			50 M Ω min. (at 500 VDC) between	veen current-carrying parts and	I case			
Destruction: 10 to 55 Hz, 1.5-mm double amplitude for 2 nours each in X, Y, and 2 directions Destruction: 500 m/s² 10 times each in X, Y, and Z directions				n between current-carrying	, ,			
Degree of or			Destruction: 10 to 55 Hz, 1.5-r	nm double amplitude for 2 hou	rs each in X, Y, and Z directions	3		
Connection Pre-wired Models (Standard cable length: 2 m) Weight (packed state) Approx. 200 g Materials Sensing surface Mounting Bracket, M4 screws, Instruction manual	Shock	resistance	Destruction: 500 m/s² 10 times each in X, Y, and Z directions					
Pre-wired Models (Standard cable length: 2 m) Weight			IEC 60529 IP66					
Approx. 200 g			Pre-wired Models (Standard cable length: 2 m)					
Materials Sensing surface Heat-resistant ABS Accessories Mounting Bracket, M4 screws, Instruction manual	Weight (packe		Approx. 200 g					
surface Accessories Mounting Bracket, M4 screws, Instruction manual	Mate-	_	Heat-resistant ABS					
	iiuis							
The set distances are sensing distances applicable to standard sensing objects. Refer to <i>Engineering Data</i> on page 4 for other materials								

^{*}The set distances are sensing distances applicable to standard sensing objects. Refer to *Engineering Data* on page 4 for other materials.

Noise-resistant Models

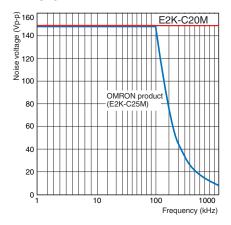
Item	Model	E2K-C20MC1	E2K-C20MC2	E2K-C20MT1	E2K-C20MT2			
	ng distance		EZR-GZUWGZ	EZR-CZUWIT I	EZR-OZUWITZ			
*1	ig distance	20 mm						
	ng distance able range	3 to 20 mm						
Detect	able object	Conductors and dielectrics						
Standa sensin	ard g object	Grounded metal plate: 50×50	0×1 mm					
Differe	ntial travel	15% max. of sensing distance	(when adjusted to 20 mm ± 10	% with standard sensing object;				
Respo freque		40 Hz		AC power: 25 Hz, DC power: 40 Hz				
Power supply voltage (operating voltage range)		12 to 24 VDC (10 to 30 VDC), ripple (p-p): 10% max.		24 to 240 VAC (20 to 250 VAC), 50/60 Hz; 24 to 240 VDC (20 to 250 VDC)				
Currer	nt mption	13 mA max. at 24 VDC		-				
Leaka	ge current	-		1.5 mA max. at 24 VDC, 1.7 m. 2.5 mA max. at 250 VAC (50/6 Refer to <i>Engineering Data</i> on	60 Hz)			
Con- trol	Load current	250 mA max.		5 to 200 mA (resistive load)				
out- put	Residual voltage	2.5 V max. (Load current: 250 mA, Cable length: 2 m)		AC power: 10 V max., DC power: 8 V max. Refer to <i>Engineering Data</i> on page 4.				
Indicat	tors	Operation indicator (yellow)						
(with s	tion mode sensing ob- proach-							
Protec circuit		Reverse polarity protection, Load short-circuit protection						
Ambie ature r	nt temper- ange	Operating/Storage: -25 to 70°	C (with no icing or condensation	on)				
Ambie humid	nt ity range	Operating/Storage: 35% to 95	% (with no condensation)					
Tempe influer		$\pm 15\%$ max. of sensing distance $\pm 25\%$ max. of sensing distance	e at 23°C in the temperature rate at 23°C in the temperature rate					
Voltag	e influence	±2% max. of sensing distance	at the rated voltage in rated v	oltage ±15% range				
Insulat resista		$50~\text{M}\Omega$ min. (at $500~\text{VDC}$) between	veen current-carrying parts an	d case				
Dielect streng		1,000 VAC, 50/60 Hz for 1 min parts and case	n between current-carrying	1,500 VAC, 50/60 Hz for 1 min between current-carrying parts and case				
Vibrati resista		Destruction: 10 to 55 Hz, 1.5-mm double amplitude for 2 hours each in X, Y, and Z directions						
Shock	resistance	Destruction: 500 m/s² 10 times each in X, Y, and Z directions						
Degree protec		IEC 60529 IP65						
	Connection method *3 Pre-wired Models (Standard cable length: 2 m)							
Weigh (packe	t ed state)	Approx. 240 g	pprox. 240 g					
Mate- rials	Case Sensing surface	РВТ						
Acces	sories	Mounting Bracket, M4 screws	, Instruction manual					
		1						

^{*1.} The set distances are sensing distances applicable to standard sensing objects. Refer to *Engineering Data* on page 4 for other materials. *2. The response frequency is an average value. *3. Only 2-m cables are available. Use a cable with a conductor cross section of 0.5 mm² or greater to extend the cable.

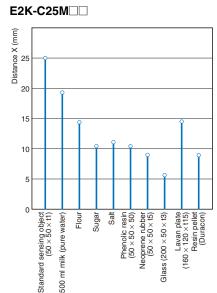
Engineering Data (Reference Value)

Common Mode Continuous Noise

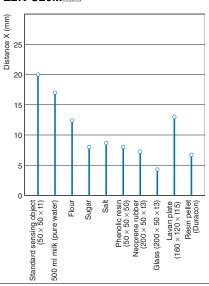
E2K-C20M



Sensing Distance Change by Sensing Object

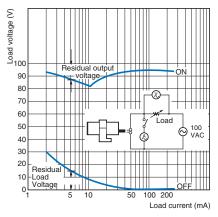


E2K-C20M□□



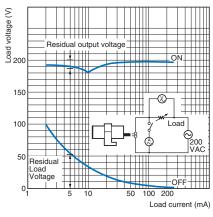
Residual Output Voltage

E2K-C25MY at 100 VAC

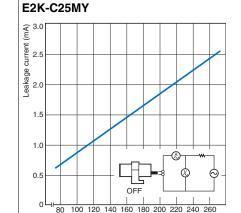


E2K-C25MY at 200 VAC

Standard

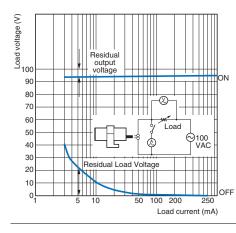


Leakage Current

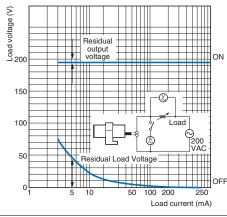


Power supply voltage (V)

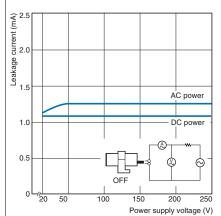
E2K-C20MT at 100 VAC



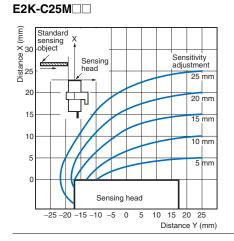
E2K-C20MT at 200 VAC



E2K-C20MT

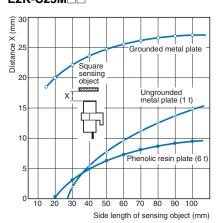


Sensing Area (Grounded Metal Plate)

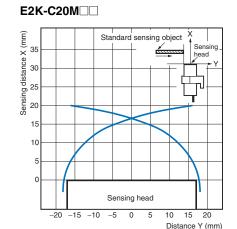


Sensing Object Size vs. Sensing Distance

E2K-C25M



Sensing area



I/O Circuit Diagrams

DC 3-Wire Models (NPN)

Operation mode	Model	Timing chart	Output circuit
NO	E2K-C25ME1	Sensing Present object Not present Load (between brown Operate and black leads) Reset Output voltage (between black and blue leads) Low Detection ON indicator (red) OFF	Brown +V Proximity Sensor main circuit 22
NC	E2K-C25ME2	Sensing Present object Not present Load (between brown Operate and black leads) Reset Output voltage (between black and blue leads) Low Detection ON indicator (red) OFF	*1. Load current: 200 mA max. *2. When a transistor is connected.
NO	E2K-C20MC1	Sensing Present object Not present Load Operate (between brown and black leads) Operation ON Indicator (yellow) OFF	Proximity Sensor main circuit Black
NC	E2K-C20MC2	Sensing Present object Not present Load (between brown and black leads) Operation Indicator (yellow) OFF	* Load current: 250 mA max.

DC 3-Wire Models (PNP)

Operation mode	Model	Timing chart	Output circuit
NO	E2K-C25MF1	Sensing object Not present Load (between blue and black leads) Output voltage (between black and brown leads) Detection indicator (red) Present Not	Proximity Sensor main circuit 4.7 κΩ Black 1
NC	E2K-C25MF2	Sensing Present object Not present Load (between blue Operate and black leads) Reset Output voltage (between black and brown leads) Detection ON indicator (red) OFF	*1. Load current: 200 mA max. *2. When a transistor is connected.

AC 2-Wire Models

Operation mode	Model	Timing chart	Output circuit
NO	E2K-C25MY1	Sensing Present object Not present Load Operate Reset Operation ON indicator (red) OFF	Proximity Sensor Main
NC	E2K-C25MY2	Sensing Present object Not present Load Operate Reset Operation ON indicator (red) OFF	Blue

AC/DC 2-Wire Models

Operation mode	Model	Timing chart	Output circuit
NO	E2K-C20MT1	Sensing Present object Not present Load Operate Reset Operation ON indicator (yellow) OFF	Proximity Sensor Supply Sensor
NC	E2K-C20MT2	Sensing Present object Not present Load Operate Reset Operation ON indicator (yellow) OFF	* Load current: 200 mA max. Note: The load can be connected to either the +V or 0 V side. There is no need to be concerned about the polarity (brown/blue) of the Proximity Sensor.

Safety Precautions

Refer to Warranty and Limitations of Liability.



This product is not designed or rated for ensuring safety of persons either directly or indirectly. Do not use it for such purposes.



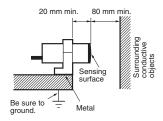
Precautions for Correct Use

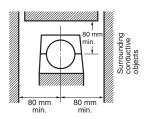
Do not use this product under ambient conditions that exceed the ratings.

Design

Influence of Surrounding Metal

When mounting a Proximity Sensor, be sure to provide a distance of 80 mm min. from surrounding metal objects to prevent the Sensor from being affected by metal objects other than the sensing object. When mounting the Sensor with the L-shaped Mounting Bracket, be sure to provide a distance of 20 mm min. between the face of the sensing head and the Mounting Bracket.

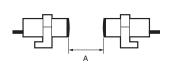




Mutual Interference

When installing Sensors face-to-face or side-by-side, ensure that the minimum distances given in the following table are maintained.

Face-to-face Mounting







Mutual Interference (Unit: mm)

Dimension Model	Α	В
E2K-C25M□□	100	100
E2K-C20M□□	100	105

Effects of a High-frequency Electromagnetic Field

The E2K-C may malfunction if there is an ultrasonic washer, high-frequency generator, transceiver, portable telephone or inverter nearby.

For major measures, refer to *Noise* of *Warranty and Limitations of Liability* for Photoelectric Sensors.

Sensing Objects

Sensing Object Material

The E2K-C can detect almost any type of object. The sensing distance of the E2K-C, however, will vary with the electrical characteristics of the object, such as the conductance and inductance of the object, and the water content and capacity of the object. The maximum sensing distance of the E2K-C will be obtained if the object is made of grounded metal.

Indirect Detection
 To detect objects in metal.

To detect objects in metal containers, each metal container must have a nonmetallic window.

Power ON Conditions

Sensing is enabled within 200 ms for the E2K-C20M \square . Design the system so that the power for the Sensor is turned ON before the power for the load.

Miscellaneous

Organic Solvents

The Sensor has a case made of heat-resistant ABS resin or PBT resin. Be sure that the case is free from organic solvents or solutions containing organic solvents.

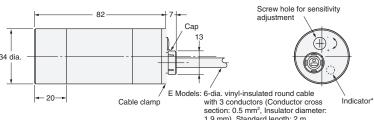
Mounting

Sensitivity Adjustment

For information on the sensitivity adjustment, refer to *Technical Guide* for *Operation for information* for Proximity Sensor.

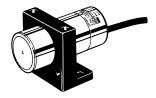
Sensors

E2K-C25M

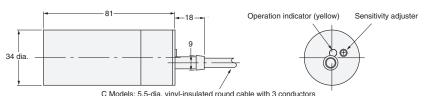


E Models: 6-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m
Y Models: 6-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.9 mm), Standard length: 2 m

* E and F Models: Detection indicator (red) Y Models: Operation indicator (red)



E2K-C20M□□



C Models: 5.5-dia. vinyl-insulated round cable with 3 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.5 mm), Standard length: 2 m

T Models: 5.5-dia. vinyl-insulated round cable with 2 conductors (Conductor cross section: 0.5 mm², Insulator diameter: 1.5 mm), Standard length: 2 m

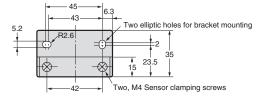
Accessories (Order Separately)

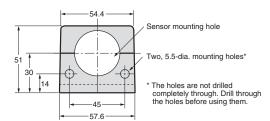
Mounting Bracket (Accessory) Y92E-A34



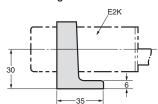
Material: Polyacetal

Note: Provided with the product.





With Mounting Bracket Attached



Terms and Conditions Agreement

Read and understand this catalog.

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

Warranties.

- (a) Exclusive Warranty. Omron's exclusive warranty is that the Products will be free from defects in materials and workmanship for a period of twelve months from the date of sale by Omron (or such other period expressed in writing by Omron). Omron disclaims all other warranties, express or implied.
- (b) Limitations. OMRON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCTS. BUYER ACKNOWLEDGES THAT IT ALONE HAS DETERMINED THAT THE

PRODUCTS WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE.

Omron further disclaims all warranties and responsibility of any type for claims or expenses based on infringement by the Products or otherwise of any intellectual property right. (c) Buyer Remedy. Omron's sole obligation hereunder shall be, at Omron's election, to (i) replace (in the form originally shipped with Buyer responsible for labor charges for removal or replacement thereof) the non-complying Product, (ii) repair the non-complying Product, or (iii) repay or credit Buyer an amount equal to the purchase price of the non-complying Product; provided that in no event shall Omron be responsible for warranty, repair, indemnity or any other claims or expenses regarding the Products unless Omron's analysis confirms that the Products were properly handled, stored, installed and maintained and not subject to contamination, abuse, misuse or inappropriate modification. Return of any Products by Buyer must be approved in writing by Omron before shipment. Omron Companies shall not be liable for the suitability or unsuitability or the results from the use of Products in combination with any electrical or electronic components, circuits, system assemblies or any other materials or substances or environments. Any advice, recommendations or information given orally or in writing, are not to be construed as an amendment or addition to the above warrantv.

See http://www.omron.com/global/ or contact your Omron representative for published information.

Limitation on Liability; Etc.

OMRON COMPANIES SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCTS, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE OR STRICT LIABILITY.

Further, in no event shall liability of Omron Companies exceed the individual price of the Product on which liability is asserted.

Suitability of Use.

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY OR IN LARGE QUANTITIES WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

Programmable Products.

Omron Companies shall not be responsible for the user's programming of a programmable Product, or any consequence thereof.

Performance Data.

Data presented in Omron Company websites, catalogs and other materials is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of Omron's test conditions, and the user must correlate it to actual application requirements. Actual performance is subject to the Omron's Warranty and Limitations of Liability.

Change in Specifications.

Product specifications and accessories may be changed at any time based on improvements and other reasons. It is our practice to change part numbers when published ratings or features are changed, or when significant construction changes are made. However, some specifications of the Product may be changed without any notice. When in doubt, special part numbers may be assigned to fix or establish key specifications for your application. Please consult with your Omron's representative at any time to confirm actual specifications of purchased Product.

Errors and Omissions. Information presented by Omron Companies has been checked and is believed to be accurate; however, no responsibility is assumed for clerical, typographical or proofreading errors or omissions.

2018.10

In the interest of product improvement, specifications are subject to change without notice.



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Omron: