

## Ordering Information

## 2-Wire Models

Shielded DC 2-wire Models with No Self-diagnostic Output [Refer to *Dimensions* on page 27.]

Appearance	Sensing distance		Connection method	Cable specifications	Polarity	Operation mode	Pin arrangement	Applicable connector code *2	Model						
M8	2 mm		M12 Pre-wired Smart-click Connector Models (0.3m)	PUR (increased oil-resistant)	Yes	NO	1: +V, 4: 0 V	H	E2E-X2D1-M1TGJ-U 0.3M						
						NC	1: +V, 2: 0 V		E2E-X2D2-M1TGJ-U 0.3M						
				PVC (oil-resistant)		NO	1: +V, 4: 0 V	G	E2E-X2D1-M1TGJ 0.3M						
						NO			E2E-X2D1-U 2M						
				Pre-wired Models (2 m)		PUR (increased oil-resistant)	NC		---	E2E-X2D2-U 2M					
						PVC (oil-resistant)	NO			E2E-X2D1-N 2M					
			M12 Connector Models							A	E2E-X2D1-M1G				
										D	E2E-X2D2-M1G				
			M8 Connector Models							I	E2E-X2D1-M3G				
											E2E-X2D2-M3G				
			M12	3 mm			M12 Pre-wired Smart-click Connector Models (0.3m)	PUR (increased oil-resistant)	Yes	NO	1: +V, 4: 0 V	H	E2E-X3D1-M1TGJ-U 0.3M		
										NC	1: +V, 2: 0 V		E2E-X3D2-M1TGJ-U 0.3M		
PVC (oil-resistant)	NO	1: +V, 4: 0 V			G			E2E-X3D1-M1TGJ 0.3M							
	NO							E2E-X3D1-U 2M							
Pre-wired Models (2 m)	PUR (increased oil-resistant)	NC						---		E2E-X3D2-U 2M					
	PVC (oil-resistant)	NO								E2E-X3D1-N 2M *1					
M12 Connector Models										A	E2E-X3D1-M1G *1				
										D	E2E-X3D2-M1G				
M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)	Yes			NO		1: +V, 4: 0 V	A		E2E-X3D1-M1GJ 0.3M					
					NC		1: +V, 2: 0 V	D		E2E-X3D2-M1GJ 0.3M					
		No *3			NO		(3, 4): (+V, 0 V)	C		E2E-X3D1-M1J-T 0.3M					
					NC		(1, 2): (+V, 0 V)	D		---					
		M18			7 mm			M12 Pre-wired Smart-click Connector Models (0.3m)		PUR (increased oil-resistant)	Yes	NO	1: +V, 4: 0 V	H	E2E-X7D1-M1TGJ-U 0.3M
												NC	1: +V, 2: 0 V		E2E-X7D2-M1TGJ-U 0.3M
PVC (oil-resistant)	NO									1: +V, 4: 0 V		G	E2E-X7D1-M1TGJ 0.3M		
	NO												E2E-X7D1-U 2M		
Pre-wired Models (2 m)	PUR (increased oil-resistant)									NC			---	E2E-X7D2-U 2M	
	PVC (oil-resistant)									NO				E2E-X7D1-N 2M *1	
M12 Connector Models									A	E2E-X7D1-M1G *1					
									D	E2E-X7D2-M1G					
M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)		Yes	NO		1: +V, 4: 0 V		A	E2E-X7D1-M1GJ 0.3M						
				NC		1: +V, 2: 0 V		D	E2E-X7D2-M1GJ 0.3M						
			No *3	NO		(3, 4): (+V, 0 V)		C	E2E-X7D1-M1J-T 0.3M						
				NC		(1, 2): (+V, 0 V)		D	E2E-X7D2-M1J-T 0.3M						
		M30	10 mm		M12 Pre-wired Smart-click Connector Models (0.3m)	PUR (increased oil-resistant)	Yes	NO	1: +V, 4: 0 V	H	E2E-X10D1-M1TGJ-U 0.3M				
								NC	1: +V, 2: 0 V		E2E-X10D2-M1TGJ-U 0.3M				
PVC (oil-resistant)	NO					1: +V, 4: 0 V		G	E2E-X10D1-M1TGJ 0.3M						
	NO								E2E-X10D1-U 2M						
Pre-wired Models (2 m)	PUR (increased oil-resistant)					NC			---	E2E-X10D2-U 2M					
	PVC (oil-resistant)					NO				E2E-X10D1-N 2M *1					
M12 Connector Models										A	E2E-X10D1-M1G *1				
										D	E2E-X10D2-M1G				
M12 Standard Pre-wired Connector Models (0.3 m)	PVC (oil-resistant)				Yes	NO		1: +V, 4: 0 V	A	E2E-X10D1-M1GJ 0.3M					
						NC		1: +V, 2: 0 V	D	E2E-X10D2-M1GJ 0.3M					
					No *3	NO		(3, 4): (+V, 0 V)	C	E2E-X10D1-M1J-T 0.3M					
						NC		(1, 2): (+V, 0 V)	D	E2E-X10D2-M1J-T 0.3M					

\*1. Models with different frequencies are also available. The model number is E2E-X □D15 (example: E2E-X3D15-N 2M).

\*2. Refer to page 22 for details.

\*3. The residual voltage for models without polarity is 5 V, so use caution concerning the connection load interface conditions (e.g., PLC ON voltage). Refer to page 26