

E2C/E2C-H

CSM_E2C_E2C-H_DS_E_9_2

Separate Amplifier Sensor with Sensitivity Adjustment

- Compact design with smaller Sensor Head.
- Heat-resistance model available for application between -10 and 200°C.

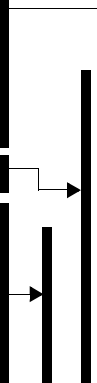


Be sure to read *Safety Precautions* on page 15.

Ordering Information

Sensors [Refer to *Dimensions* on page 18.]

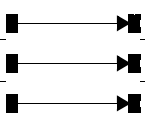
Standard Models

Sensor					Combination	Amplifier Units			
Appearance	Stable sensing area *			Model		Model	Power supply/ Output	Timer function	Self-diagnostic output
Shielded 	3.5 dia.	0.8 (1.8) mm		E2C-CR8A 3M		E2C-GE4A	DC/ (NPN)	---	---
	3.8 dia.	0.8 (1.8) mm		E2C-CR8B 3M		E2C-GF4A	DC/ (PNP)	---	---
	M5	1 (2) mm		E2C-X1A 3M		E2C-JC4AP 2M *	DC/ (NPN)	Yes	Yes
	5.4 dia.	1 (2) mm		E2C-C1A 3M		E2C-JC4A 2M	DC/ (NPN)	Yes	---
	M8	1.5 (3) mm		E2C-X1R5A 3M		E2C-AM4A	DC/ (NPN) (PNP)	---	---
	M12	2 (5) mm		E2C-X2A 3M		E2C-AK4A	AC	---	---
	M18	5 (10) mm		E2C-X5A 3M					
	M30	10 (18) mm		E2C-X10A 3M					
Unshielded 	40 dia.	20 (50) mm		E2C-C20MA 3M					

*1. Values in parentheses are for the maximum sensing distances at 23°C.

* Self-diagnostic output, timer, and DIN Track mounting.

Heat-resistant Model

Sensor					Combination	Amplifier Unit
Appearance	Stable sensing area			Model		Model
Shielded 	M8	1.5 mm		E2C-X1R5AH 3M		E2C-JC4CH 2M
	M12	2 mm		E2C-X2AH 3M		E2C-JC4DH 2M
	M18	5 mm		E2C-X5AH 3M		E2C-JC4EH 2M

Note: Characteristics will change if the cable length changes. Do not cut or extend the cable.

Accessories (Order Separately)

Mounting Brackets A Mounting Bracket is not provided with the Sensor. Order a Mounting Bracket separately if required.

[Refer to Dimension on page 21.]

Name	Model	Applicable Sensors	Remarks
Mounting Brackets	Y92E-F3R5	E2C-CR8A, for 3.5 dia.	---
	Y92E-F5R4	E2C-C1A, for 5.4 dia.	

Connection Sockets A Socket is not provided with the Amplifier Unit. Order a Socket separately if required.

[Refer to Dimension on page 21.]

Name	Model	Applicable Amplifier Unit	Remarks
Front Connection Sockets	PYF08A	E2C-GE4A E2C-GF4A	Hold-down Clips (Order Separately) PYC-A1 Sold as a set.
	P2CF-08	E2C-AM4A	
	P2CF-11	E2C-AK4A	
Back Connection Sockets	P3G-08	E2C-AM4A	---
	P3GA-11	E2C-AK4A	
	PY08	E2C-GE4A E2C-GF4A	

Adapters An Adapter is not provided with the Amplifier Unit. Order an Adapter separately if required.

[Refer to Dimension on page 21.]

Name	Model	Applicable Amplifier Unit	Remarks
Embedded Adapters	Y92F-30	E2C-AM4A/-AK4A	---
	Y92F-70		
	Y92F-71		

For details on [Mounting Brackets](#), [Protective Covers](#), and [Sputter Protective Covers](#), refer to *Accessories* on Y92□.