


# E2C/E2C-H

## 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					
Unshielded 	M30	10 (18) mm	E2C-X10A 3M					
	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.