

General Specifications

GS 01C31V01-01EN

EJA110E and EJA130E
Differential Pressure Transmitters
High Damping Capsule
(Option Code: /HD)



Outline

EJA110E and EJA130E with option code /HD offer stable measurement by employing capsule structure which offers damping function in the process where measurement may be affected by excessive pulsation, e.g. flow measurement near the boiler feed pump.

In this General Specifications, only the specifications that are affected by applying /HD are stated. For other specifications which remain unchanged, please refer to the General Specifications of each model.

EJA110E GS 01C31B01-01EN

EJA130E GS 01C31B04-01EN

Features

- Capsule structure to absorb steep change of pressure
- Response time: 1300 ms (M capsule at 23°C)
- High performance, high stability and high reliability is similar to standard model. Multi-sensing function is also available.

Option Code and Applicable Suffix Codes

Description	Code
High damping capsule	/HD

Applicable Codes:

- Measurement span code M and H
- Wetted parts material code S
- Option code /K2, /K3, and /K6 are not applicable.
- For EJA110E, option code /HG, /PE3 and /T13 are not applicable.



EJA110E

EJA130E

Difference in Specifications

Response time:

Capsule	Process temperature	
	23°C	0°C
M	Approx. 1300 ms	Approx. 2200 ms
H	Approx. 400 ms	Approx. 600 ms

When amplifier damping time constant is set to 0.00 s. (Including dead time approx. 45 ms)

Amplifier damping time constant is adjustable from 0.00 to 100.00 s by software and added to response time.

Update time: 45 ms

Note that response time shall become longer as the process temperature decreases.

Process Temperature:

0 to 120°C
(Other option codes may affect limit.)

Weight:

- EJA110E: 3.7 kg (Same as measurement span code F)
- EJA130E: Same as standard

External Dimensions:

- EJA110E: Same as Measurement span code F
- EJA130E: Same as standard