

EJX110A

Den nya differenstrycktransmittern med SIL2 som standard

EJX är den 3:e generationen av digitala transmittar från Yokogawa

EJX använder Yokogawas sensor DPharp med kiselresonans teknik som ger en digital signal direkt från sensorn. Därmed elimineras behovet av A/D omvandlare i transmittern.

Enkel

- 200/1 verkligt inställbart mätområde
- Låg vikt, endast 2,7 kg
- Ingen påverkan av statiskt tryck
- Ingen påverkan av temperatur

Ekonomisk

- 10 års stabilitetsgaranti
- Låg driftskostnad tack vare en mycket hög tillgänglighet, MTBF 456 år
- Sänker era lagerkostnader
- Tryck och differenstryck ur samma givare
- Övertrycksskydd 250 bar

Noggrann

- Onoggrannheten är $\pm 0,04\%$
- Behåller sin noggrannhet över hela mätområdet
- Modell EJX110 är SIP-testad



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MODEL AND SUFFIX CODES

Model	Suffix Codes	Description
EJX110A	Differential pressure transmitter
Output signal	-D -E -F	4 to 20 mA DC with digital communication (BRAIN protocol) 4 to 20 mA DC with digital communication (HART protocol) Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C25T02-01E)
Measurement span (capsule)	L M H V	0.1 to 10 kPa (0.4 to 40 inH ₂ O) 0.5 to 100 kPa (2 to 400 inH ₂ O) 2.5 to 500 kPa (10 to 2000 inH ₂ O) 0.07 to 14 Mpa (10 to 2000 psi)
Wetted parts material ^{*2}	<input type="checkbox"/>	Refer to "Wetted Parts Materials" Table.
Process connections	0 1 2 3 4 5	without process connector (Rc1/4 female on the cover flanges) with Rc1/4 female process connector with Rc1/2 female process connector with 1/4 NPT female process connector with 1/2 NPT female process connector without process connector (1/4 NPT female on the cover flanges)
Bolts and nuts material	J G C	ASTM-B7 carbon steel 316L SST stainless steel ASTM grade 660 stainless steel
Installation	-7 -8 -9 -B -U	Vertical piping, left side high pressure, and process connection downside Horizontal piping and right side high pressure Horizontal piping and left side high pressure Bottom Process Connection, left side high pressure ^{*5} Universal flange ^{*5}
Amplifier housing	1 2	Cast aluminum alloy ASTM CF-8M stainless steel ^{*3}
Electrical connection	0 2 4 5 7 9 A C D	G1/2 female, one electrical connection without blind plugs 1/2 NPT female, two electrical connections without blind plugs M20 female, two electrical connections without blind plugs G1/2 female, two electrical connections and a blind plug ^{*4} 1/2 NPT female, two electrical connections and a blind plug ^{*4} M20 female, two electrical connections and a blind plug ^{*4} G1/2 female, two electrical connections and a SUS316 blind plug 1/2 NPT female, two electrical connections and a SUS316 blind plug M20 female, two electrical connections and a SUS316 blind plug
Integral indicator	D E N	Digital indicator Digital indicator with the range setting switch ^{*1} None
Mounting bracket	B D G J K M N	304 SST 2-inch pipe mounting, flat type (for horizontal piping) 304 SST 2-inch pipe mounting, L type (for vertical piping) 304 SST 2-inch pipe mounting (for bottom process connection type) 316 SST 2-inch pipe mounting, flat type (for horizontal piping) 316 SST 2-inch pipe mounting, L type (for vertical piping) 316 SST 2-inch pipe mounting (for bottom process connection type) None
Optional Codes	<input type="checkbox"/>	/ <input type="checkbox"/> Optional specification

The "☆" marks indicate the most typical selection for each specification.

T04E.EPS

*1: Not applicable for output signal code **F**.

*2: ⚠ Users must consider the characteristics of selected wetted parts material and the influence of process fluids. The use of inappropriate materials can result in the leakage of corrosive process fluids and cause injury to personnel and/or damage to plant facilities. It is also possible that the diaphragm itself can be damaged and that material from the broken diaphragm and the fill fluid can contaminate the user's process fluids.

Be very careful with highly corrosive process fluids such as hydrochloric acid, sulfuric acid, hydrogen sulfide, sodium hypochlorite, and high-temperature steam (150°C [302°F] or above). Contact Yokogawa for detailed information of the wetted parts material.

*3: Not applicable for electrical connection code **0**, **5**, **7** and **9**.

*4: Material of a blind plug is aluminum alloy or 304 SST.

*5: Only applicable for Wetted parts material code **S**.

Gällande optioner och Ex klassningar se original datablad eller kontakta OmniProcess AB