

EJX510/530A

Den nya trycktransmitteren som är SIL 2 klassad 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

- 50/1 verkligt inställbart mätområde
- Låg vikt, endast 1,1 kg
- Ingen påverkan av temperatur

Ekonomisk

- 5 års stabilitetsgaranti
- Låg driftskostnad tack vare en mycket hög tillgänglighet, MTBF 456 år
- SIL2 standard
- Membran i Hastelloy C är standard
- Brett mätområde minimerar ditt lagerbehov

Noggrann

- Onoggrannheten är $\pm 0,1\%$
- Behåller sin noggrannhet över hela mätområdet



■ MODEL AND SUFFIX CODES

Model	Suffix Codes	Description
EJX510A	Absolute pressure transmitter
EJX530A	Gauge pressure transmitter
Output signal	-D -E -F	4 to 20 mA DC Output with digital communication (BRAIN protocol) 4 to 20 mA DC Output with digital communication (HART protocol) Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C25T02-01E)
Measurement span (Capsule)	A B C D	8 to 200 kPa (1.16 to 29 psi) 0.04 to 2 MPa (5.8 to 290 psi) 0.2 to 10 MPa (29 to 1450 psi) 1 to 50 MPa (145 to 7200 psi)
Wetted parts material *4	S H	<u>Process connection</u> <u>Diaphragm</u> 316L SST# Hastelloy C-276 *1# Hastelloy C-276 *1# Hastelloy C-276 *1#
Process connections	4 7 8 9	1/2 NPT female 1/2 NPT male G1/2 DIN 16 288 male *2 M20×1.5 DIN 16 288 male *2
—	N	Always N
—	-0	Always 0
Amplifier housing	☆ 1 2	Cast aluminum alloy ASTM CF-8M Stainless Steel *5
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 with a blind plug*6 1/2 NPT female, two electrical connections with a blind plug*6 M20 female, two electrical connections with a blind plug*6 G1/2 female, two electrical connections and a 316 SST blind plug 1/2 NPT female, two electrical connections and a 316 SST blind plug M20 female, two electrical connections and a 316 SST blind plug
Integral indicator	☆ D E N	Digital indicator Digital indicator with the range setting switch *3 None
Mounting bracket	☆ F L N	304 SST 2-inch pipe mounting 316 SST 2-inch pipe mounting None
Optional code		/□ Optional specification

T03.EPS

The "☆" marks indicates the most typical selection for each specification. Example: EJX530A-DAS4N-012NN/□.

*1: Hastelloy C-276 or ASTM N10276.

*2: Not applicable for combination of capsule code **D** and wetted parts material code **H**.

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

*4: ⚠ 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.

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

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

The '# marks indicate the construction materials conform to NACE material recommendations per MR01-75. For the use of 316 SST material, there may be certain limitations for pressure and temperature. Please refer to NACE standards for details.

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