

EJA510/530A

Den pålitliga tryck och absolutrycktransmittern från Yokogawa

Såld i mer än 1,5 miljoner exemplar på världsmarknaden.

EJA 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

- 20/1 verkligt inställbart mätområde
- Robust
- Resistent mot vätgaspenetrering
- Ingen påverkan av temperatur

Ekonomisk

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

Noggrann

- Behåller sin noggrannhet över hela mätområdet



■ MODEL AND SUFFIX CODES

● Model EJA510A and EJA530A


Model	Suffix Codes	Description
EJA510A EJA530A	Absolute pressure transmitter Gauge pressure transmitter
Output Signal	-D -E -F -G	4 to 20 mA DC with digital communication (BRAIN protocol) 4 to 20 mA DC with digital communication (HART protocol, refer to GS 01C22T01-00E) Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C22T02-00E) Digital communication (PROFIBUS PA protocol, refer to GS 01C22T03-00E)
Measurement span (capsule)	A B C D	10 to 200 kPa {0.1 to 2 kgf/cm ² } {1.45 to 29 psi} {0.1 to 2 bar} 0.1 to 2 MPa {1 to 20 kgf/cm ² } {14.5 to 290 psi} {1 to 20 bar} 0.5 to 10 MPa {5 to 100 kgf/cm ² } {72.5 to 1450 psi} {5 to 100 bar} 5 to 50 MPa {50 to 500 kgf/cm ² } {720 to 7200 psi} {50 to 500 bar}
Wetted parts material *2	S# H#	[Process Connection] [Diaphragm] SUS316L Hastelloy C-276 *3 Hastelloy C-276 *3 Hastelloy C-276 *3
Process connection	4 7 8 9	1/2 NPT female 1/2 NPT male G 1/2 DIN 16 288 male M20×1.5 DIN 16 288 male
—	N	Always N
—	-0	Always 0
Electrical connection	☆ 0 2 3 4 5 7 8 9 A C D	G1/2 female, one electrical connection 1/2 NPT female, two electrical connections without blind plug Pg 13.5 female, two electrical connections without blind plug M20 female, two electrical connections without blind plug G1/2 female, two electrical connections and a blind plug 1/2 NPT female, two electrical connections and a blind plug Pg 13.5 female, two electrical connections and a blind plug M20 female, two electrical connections and a blind plug 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	E .. F .. L .. ☆ N ..	SECC Carbon steel 2-inch pipe mounting SUS304 2-inch pipe mounting SUS316 2-inch pipe mounting (None)
Optional codes		<input type="checkbox"/> Optional specification

T02E EPS

The '☆' marks indicate the most typical selection for each specification. Example: EJA530A-DAS4N-02NN/□

The '#' marks indicate the construction materials conform to NACE material recommendations per MR01-75. For the use of SUS316 material, there may be certain limitations for pressure and temperature. Please refer to NACE standards for details.

*1: Not applicable for Output signal code F and G.

*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: Hastelloy C-276 or ASTM N10276.