EJA510/530E

Trycktransmittern med 3:e part SIL2 som standard

EJA-E är den senaste generationen av digitala transmittrar från Yokogawa

EJA-E använder Yokogawas sensor DPharp med kiselresonansteknik som ger en digital signal direkt från sensorn. Därmed elimineras behovet av A/D omvandlare i transmittern.

Enkel

- 20/1 verkligt inställbart mätområde
- Låg vikt, endast 1,1 kg
- Programmering via display

Ekonomisk

- 10 års stabilitetsgaranti
- Låg driftskostnad tack vare en mycket hög tillgänglighet, MTBF 269 år
- 3:e part SIL2 IEC 61508
- Membran i Hastelloy C är standard
- Brett mätområde sänker lagerkostnaden

Noggrann

- Mätosäkerhet ± 0,055%
- Behåller sin noggrannhet över hela det inställda mätområdet
- Ingen påverkan av temperatur

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■ MODEL AND SUFFIX CODES

Model	Suffix Codes	Description
EJA510E	. . . . .	Absolute pressure transmitter
EJA530E	. . . . .	Gauge pressure transmitter
Output signal	**-D**	4 to 20 mA DC Output with digital communication (BRAIN protocol)
	-J	4 to 20 mA DC Output with digital communication (HART 5/HART 7 protocol)*1
	-F	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C31T02-01EN)
	-G	Digital communication (PROFIBUS PA protocol, refer to GS 01C31T04-01EN)
Measurement span (capsule)	**A**	10 to 200 kPa (1.45 to 29 psi)
	B	0.1 to 2 MPa (14.5 to 290 psi)
	C	0.5 to 10 MPa (72.5 to 1450 psi)
	D	5 to 50 MPa (720 to 7200 psi)
Wetted parts material *2	**S**	Process connector: 316L SST # / Diaphragm: Hastelloy C-276 *3# / Others: 316L SST #
	H	Process connector: Hastelloy C-276 *3# / Diaphragm: Hastelloy C-276 *3# / Others: Hastelloy C-276 *3#
Process connections	**4**	1/2 NPT female
	7	1/2 NPT male
	8	G1/2 DIN 16 288 male *4
	9	M20×1.5 DIN 16 288 male *4
—	**N**	Always N
—	**-0**	Always 0
Amplifier housing	► **1**	Cast aluminum alloy
	3	Cast aluminum alloy with corrosion resistance properties *5
	2	ASTM CF-8M stainless steel *6
Electrical connection	**0**	G1/2 female, one electrical connection without blind plugs
	► **2**	1/2 NPT female, two electrical connections without blind plugs
	4	M20 female, two electrical connections without blind plugs
	5	G1/2 female, two electrical connections with a blind plug*7
	7	1/2 NPT female, two electrical connections with a blind plug*7
	9	M20 female, two electrical connections with a blind plug*7
	A	G1/2 female, two electrical connections and a 316 SST blind plug
	C	1/2 NPT female, two electrical connections and a 316 SST blind plug
	D	M20 female, two electrical connections and a 316 SST blind plug
Integral indicator	**D**	Digital indicator *8
	E	Digital indicator with the range setting switch *9
	► **N**	(None)
Mounting bracket	**L**	316 SST 2-inch pipe mounting
	► **N**	None
Optional Codes		☐/ Optional specification

The "►" marks indicates the most typical selection for each specification. Example: EJA530E-DAS4N-012NN/☐.

*1: HART 5 or HART 7 is selectable. Specify upon ordering.

*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.

*4: Not applicable for combination of capsule code D and wetted parts material code H. Threads are based on the withdrawn DIN 16 288.

*5: Not applicable for electrical connection code 0, 5, 7, 9 and A. Content rate of copper in the material is 0.03% or less and content rate of iron is 0.15% or less.

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

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

*8: Not applicable for output signal code G.

*9: Not applicable for output signal code F.

The '#'marks indicate the construction materials conform to NACE material recommendations per MR0175/ISO 15156. Please refer to the latest standards for details. Selected materials also conform to NACE MR0103.

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