EJX110A

Differenstrycktransmittern med 3:e part SIL2 som standard

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

EJX använder Yokogawas sensor DPharp med kiselresonansteknik 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
- Programmering via display

Ekonomisk
- 15 års stabilitetsgaranti
- Låg driftskostnad tack vare en mycket hög tillgänglighet, MTBF 269 år
- 3:e part SIL2 IEC 61508
- Tryck och differenstryck ur samma givare
- Övertrycksskydd 250 bar

Noggrann
- Mätosäkerhet ± 0,04%
- Behåller sin noggrannhet över hela mätområdet
- Ingen påverkan av statiskt tryck
- Ingen påverkan av temperatur
- Modell EJX110 är SIP-testad

Provad genom SIP Standardiserad instrumentprovning www.sip-norden.org

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■ MODEL AND SUFFIX CODES

Model	Suffix Codes	Description
EJX110A	. . . . .	Differential pressure transmitter
Output signal	**-D**	4 to 20 mA DC with digital communication (BRAIN protocol)
	-E	4 to 20 mA DC with digital communication (HART 5 protocol)
	-J	4 to 20 mA DC with digital communication (HART 5/HART 7 protocol) (Refer to GS 01C25T01-01EN)
	-F	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C25T02-01EN)
	-G	Digital communication (PROFIBUS PA protocol, refer to GS 01C25T04-01EN)
Measurement span (capsule)	**F**	0.1 to 5 kPa (0.4 to 20 inH_2O) (For Wetted parts material code S)
	L	0.1 to 10 kPa (0.4 to 40 inH_2O) (For Wetted parts material code M, H, T, A, D and B)
	M	0.5 to 100 kPa (2 to 400 inH_2O)
	H	2.5 to 500 kPa (10 to 2000 inH_2O)
	V	0.07 to 14 MPa (10 to 2000 psi)
Wetted parts material *1	☐	Refer to "Wetted Parts Material" Table.
Process connections	**0**	without process connector (Rc1/4 female on the cover flanges)
	1	with Rc1/4 female process connector
	2	with Rc1/2 female process connector
	3	with 1/4 NPT female process connector
	4	with 1/2 NPT female process connector
	► **5**	without process connector (1/4 NPT female on the cover flanges)
Bolts and nuts materia	**J**	B7 carbon steel
	G	316L SST
	C	660 SST
Installation	**-7**	Vertical piping, left side high pressure, and process connection downside
	-8	Horizontal piping and right side high pressure
	► **-9**	Horizontal piping and left side high pressure
	-B	Bottom Process Connection, left side high pressure*2*3
	-U	Universal flange*2
Amplifier housing	**1**	Cast aluminum alloy
	3	Cast aluminum alloy with corrosion resistance properties*4
	2	ASTM CF-8M stainless steel*5
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 and a blind plug*6
	7	1/2 NPT female, two electrical connections and a blind plug*6
	9	M20 female, two electrical connections and a blind plug*6
	A	G1/2 female, two electrical connections and a SUS316 blind plug
	C	1/2 NPT female, two electrical connections and a SUS316 blind plug
	D	M20 female, two electrical connections and a SUS316 blind plug
Integral indicator	**D**	Digital indicator*7
	E	Digital indicator with the range setting switch*8
	► **N**	None
Mounting bracket	► **B**	304 SST 2-inch pipe mounting, flat type (for horizontal piping)
	D	304 SST 2-inch pipe mounting, L type (for vertical piping)
	J	316 SST 2-inch pipe mounting, flat type (for horizontal piping)
	K	316 SST 2-inch pipe mounting, L type (for vertical piping)
	M	316 SST 2-inch pipe mounting (for bottom process connection type)
	N	None
Optional Codes		☐/ Optional specification

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

*1: ⚠ 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.

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

*3: Not applicable for measurement span code F.

*4: 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.

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

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

*7: Not applicable for output signal code G.

*8: Not applicable for output signal code F.

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