

# EJA110A

## Den pålitliga differenstrycktransmittern 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

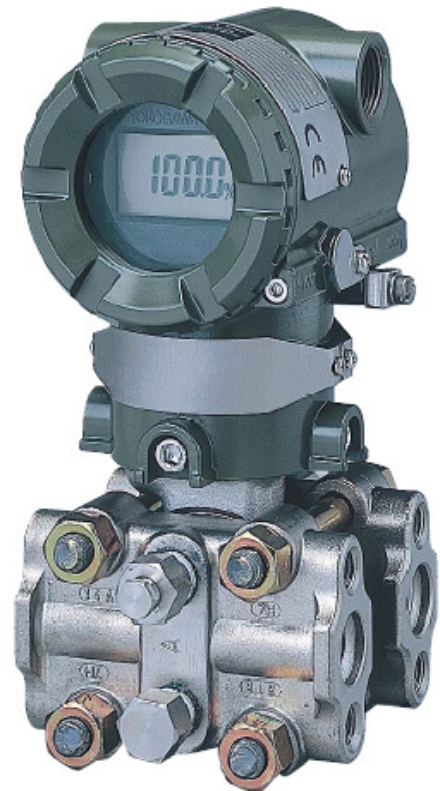
- 100/1 verkligt inställbart mätområde
- Resistent mot vätgaspenetrering
- Ingen påverkan av statiskt tryck
- Ingen påverkan av temperatur

### Ekonomisk

- 5 års stabilitetsgaranti
- Låg driftskostnad tack vare en mycket hög tillgänglighet, MTBF 456 år
- Brett mätområde minimerar ditt lagerbehov
- Övertrycksskydd 160 bar

### Noggrann

- Onoggrannheten är  $\pm 0,075\%$
- Behåller sin noggrannhet över hela mätområdet
- SIP-testad



OmniProcess AB

Vretenvägen 12, 171 54 Solna, 08-564 808 40

[www.omniprocess.se](http://www.omniprocess.se)

## MODEL AND SUFFIX CODES

Model	Suffix Codes	Description
<b>EJA110A</b>	.....	Differential pressure transmitter
Output Signal	<b>-D</b> .....	4 to 20 mA DC with digital communication (BRAIN protocol)
	<b>-E</b> .....	4 to 20 mA DC with digital communication (HART protocol, refer to GS 01C22T01-00E)
	<b>-F</b> .....	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C22T02-00E)
	<b>-G</b> .....	Digital communication (PROFIBUS PA protocol, refer to GS 01C22T03-00E)
Measurement span(capsule)	<b>L</b> .....	0.5 to 10 kPa {50 to 1000 mmH <sub>2</sub> O} {2 to 40 inH <sub>2</sub> O} {5 to 100 mbar}
	<b>M</b> .....	1 to 100 kPa {100 to 10000 mmH <sub>2</sub> O} {4 to 400 inH <sub>2</sub> O} {10 to 1000 mbar}
	<b>H</b> .....	5 to 500 kPa { 0.05 to 5 kgf/cm <sup>2</sup> } {20 to 2000 inH <sub>2</sub> O} {50 to 5000 mbar}
	<b>V</b> .....	0.14 to 14 MPa { 1.4 to 140 kgf/cm <sup>2</sup> *1 } {20 to 2000 psi} {1.4 to 140 bar}
Wetted parts material*11	<b>S#</b> .....	[Body]*2 [Capsule] [Vent plug] SCS14A SUS316L*5 SUS316
	<b>H#</b> .....	SCS14A Hastelloy C-276*6*12 SUS316
	<b>M#</b> .....	SCS14A Monel*6 SUS316
	<b>T</b> .....	SCS14A Tantalum*6 SUS316
	<b>A#</b> .....	Hastelloy C 276 equivalent*3 Hastelloy C 276*6*12 Hastelloy C-276*12
	<b>D</b> .....	Hastelloy C-276 equivalent*3 Tantalum*6 Hastelloy C-276*12
	<b>B#</b> .....	Monel equivalent*4 Monel*6 Monel
Process connections	<b>0</b> .....	without process connector (Rc1/4 female on the cover flanges)
	<b>1</b> .....	with Rc1/4 female process connector
	<b>2</b> .....	with Rc1/2 female process connector
	<b>3</b> .....	with 1/4 NPT female process connector
	<b>4</b> .....	with 1/2 NPT female process connector
	<b>5</b> .....	without process connector (1/4 NPT female on the cover flanges)
Bolts and nuts material	<b>A</b> .....	[Maximum working pressure] SCM435 16 MPa {160 kgf/cm <sup>2</sup> }*9
	<b>B</b> .....	SUS630 16 MPa {160 kgf/cm <sup>2</sup> }*9
	<b>C</b> .....	SUH660 16 MPa {160 kgf/cm <sup>2</sup> }*9
Installation	<b>-2</b> .....	Vertical impulse piping type, right side high pressure, process connector upside*7
	<b>-3</b> .....	Vertical impulse piping type, right side high pressure, process connector downside*7
	<b>-6</b> .....	Vertical impulse piping type, left side high pressure, process connector upside*7
	<b>-7</b> .....	Vertical impulse piping type, left side high pressure, process connector downside*7
	<b>-8</b> .....	Horizontal impulse piping type, right side high pressure*8
	<b>-9</b> .....	Horizontal impulse piping type, left side high pressure*8
Electrical connection	<b>0</b> .....	G1/2 female, one electrical connection
	<b>2</b> .....	1/2 NPT female, two electrical connections without blind plug
	<b>3</b> .....	Pg 13.5 female, two electrical connections without blind plug
	<b>4</b> .....	M20 female, two electrical connections without blind plug
	<b>5</b> .....	G1/2 female, two electrical connections and a blind plug
	<b>7</b> .....	1/2 NPT female, two electrical connections and a blind plug
	<b>8</b> .....	Pg 13.5 female, two electrical connections and a blind plug
	<b>9</b> .....	M20 female, two electrical connections and a blind plug
	<b>A</b> .....	G1/2 female, two electrical connections and a SUS316 blind plug
	<b>C</b> .....	1/2 NPT female, two electrical connections and a SUS316 blind plug
<b>D</b> .....	M20 female, two electrical connections and a SUS316 blind plug	
Integral indicator	<b>D</b> .....	Digital indicator
	<b>E</b> .....	Digital indicator with the range setting switch*10
	<b>N</b> .....	(None)
Mounting bracket	<b>A</b> .....	SECC Carbon steel 2-inch pipe mounting (flat type)
	<b>B</b> .....	SUS304 2-inch pipe mounting (flat type)
	<b>J</b> .....	SUS316 2-inch pipe mounting (flat type)
	<b>C</b> .....	SECC Carbon steel 2-inch pipe mounting (L type)
	<b>D</b> .....	SUS304 2-inch pipe mounting (L type)
	<b>K</b> .....	SUS316 2-inch pipe mounting (L type)
	<b>N</b> .....	(None)
Optional codes		<input type="checkbox"/> Optional specification

T04E.EPS

The '☆' marks indicate the most typical selection for each specification. Example: EJA110A-DMS5A-92NA/

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.