General Specifications

Model EJA110A
Differential Pressure Transmitter

DPharp

GS 1C21B1-E

The high performance differential pressure transmitter model EJA110A can be used to measure liquid, gas, or steam flow as well as liquid level, density and pressure. It outputs a 4 to 20 mA DC signal corresponding to the measured differential pressure. Model EJA110A also features remote setup and monitoring through communications with the BRAIN™ terminal and CENTUM CS™ or mXL™ or HART® 275 host.

■STANDARD SPECIFICATIONS

Refer to GS 1C22T2-E for Fieldbus communication type marked with **"◇."**

□ PERFORMANCE SPECIFICATIONS

Zero-based calibrated span, linear output, wetted parts material code 'S' and silicone oil.

Reference Accuracy of Calibrated Span
(including the effects of zero-based linearity, hysteresis, and repeatability)

±0.075 % of Span

For spans below X

$$\pm[0.025 + 0.05 \frac{X}{Span}] \text{ \% of Span}$$

where X equals:

Capsule	X kPa {inH_2O}
L	3 {12}
M	10 {40}
H	100 {400}
V	1.4 MPa {200 psi}

Square Root Output Accuracy
The square root accuracy is a percent of flow span.

Output	Accuracy
50 % or Greater	same as reference accuracy
50 % to Dropout point	reference accuracy×50 / square root output (%)

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Ambient Temperature Effects
Total Effects per 28 ˚C (50 ˚F) Change

Capsule	Effect
L	±[0.08 % Span + 0.09 % URL]
M	±[0.07 % Span + 0.02 % URL]
H	±[0.07 % Span + 0.015 % URL]
V	±[0.07 % Span + 0.03 % URL]

Static Pressure Effects

Total Effects per Change
L capsule
±[0.07 % Span+0.052 % URL] per 3.4 MPa {500 psi}
M, H and V capsules
±[0.1% Span+0.028 % URL] per 6.9 MPa {1000 psi}

Effect on Zero (can be corrected at line pressure)
L capsule
±[0.02 % Span+0.052 % URL] per 3.4 MPa {500 psi}

M, H and V capsules
±0.028 % of URL per 6.9 MPa {1000 psi}

Overpressure Effects (M, H and V capsules)
±0.03 % of URL per 14 MPa {2000 psi}

Stability (M, H and V capsules)
±0.1 % of URL for 24 months

Power Supply Effects "◇"
±0.005 % per Volt (from 21.6 to 32 V DC, 350 Ω for Output signal code D and E.)

□ FUNCTIONAL SPECIFICATIONS

Span & Range Limits

Measurement Span/Range		kPa	inH_2O(/D1)	mbar(/D3)	mmH_2O(/D4)
L	Span	0.5 to 10	2 to 40	5 to 100	50 to 1000
	Range	-10 to 10	-40 to 40	-100 to 100	-1000 to 1000
M	Span	1 to 100	4 to 400	10 to 1000	100 to 10000
	Range	-100 to 100	-400 to 400	-1000 to 1000	-10000 to 10000
H	Span	5 to 500	20 to 2000	50 to 5000	0.05 to 5 kgf/cm^2
	Range	-500 to 500	-2000 to 2000	-5000 to 5000	-5 to 5 kgf/cm^2
V*1	Span	0.14 to 14 MPa	20 to 2000 psi	1.4 to 140 bar	1.4 to 140 kgf/cm^2
	Range	-0.5 to 14 MPa	-71 to 2000 psi	-5 to 140 bar	-5 to 140 kgf/cm^2

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*1: For Wetted parts material code other than S, the ranges are 0 to 14 MPa, 0 to 2000 psi, 0 to 140 bar, and 0 to 140 kgf/cm^2.

URL is defined as the Upper Range Limit from the table above.

Zero Adjustment Limits
Zero can be fully elevated or suppressed, within the Lower and Upper Range Limits of the capsule.

External Zero Adjustment "◇"
External zero is continuously adjustable with 0.01 % incremental resolution of span. Span may be adjusted locally using the digital indicator with range switch.

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GS 1C21B1-E

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Mounting Position Effect

Rotation in diaphragm plane has no effect. Tilting up to 90 ˚ will cause zero shift up to 0.4 kPa {1.6 inH_2O} which can be corrected by the zero adjustment.

Output "◇"

Two wire 4 to 20 mA DC output with digital communications, linear or square root programmable. BRAIN or HART FSK protocol are superimposed on the 4 to 20 mA signal.

Damping Time Constant (1st order)

The sum of the amplifier and capsule damping time constant must be used for the overall time constant. Amp damping time constant is adjustable from 0.2 to 64 seconds.

Capsule (Silicone Oil)	L	M	H and V
Time Constant (approx. sec)	0.8	0.6	0.3

Ambient Temperature Limits
(approval codes may affect limits)

-40 to 85 ˚C (-40 to 185 ˚F)
-30 to 80 ˚C (-22 to 176 ˚F) with LCD Display

Process Temperature Limits
(approval codes may affect limits)

-40 to 120 ˚C (-40 to 248 ˚F)

Ambient Humidity Limits

5 to 100 % RH @ 40 ˚C (104 ˚F)

Working Pressure Limits (Silicone Oil)

Maximum Pressure Limit

Capsule	Pressure
L	3.5 MPa {500 psig}
M, H, and V	14 MPa {2000 psig}

Minimum Pressure Limit

See graph below

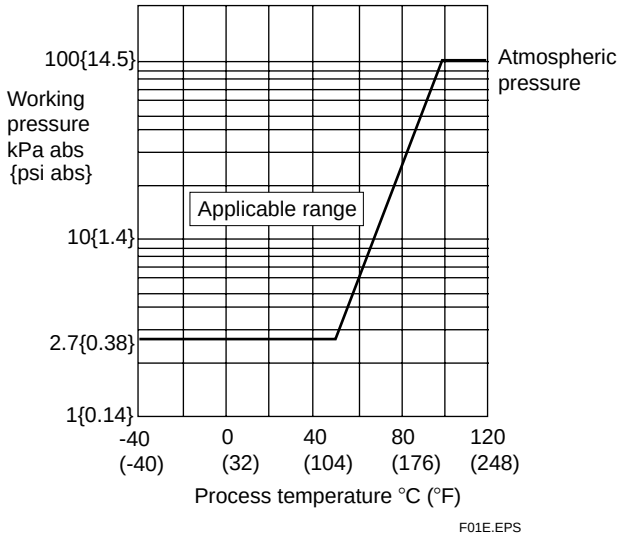

Figure 1. Working Pressure and Process Temperature

Supply & Load Requirements "◇"

(Safety approvals may affect electrical requirements) With 24 V DC supply, up to a 570 Ω load can be used. See graph below.

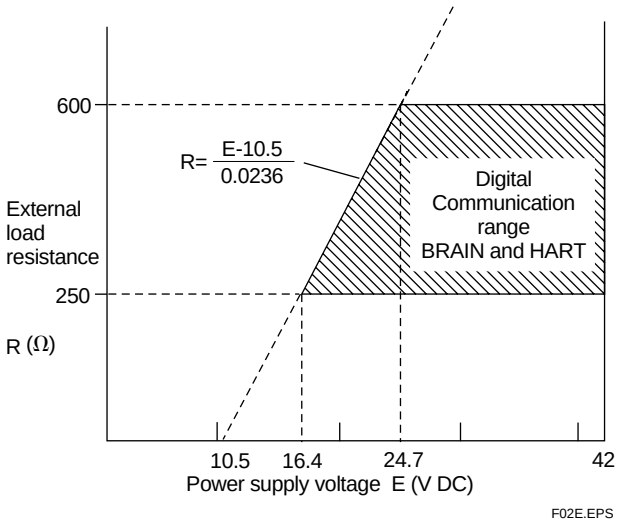

Figure 2. Relationship Between Power Supply Voltage and External Load Resistance

Supply Voltage

10.5 to 42 V DC for operation(10.5 to 30 V DC for Intrinsically safe type)
16.4 to 42 V DC for digital communications, BRAIN and HART protocols(16.4 to 30 V DC for Intrinsically safe type)
9.0 to 32 V DC for digital communication, FOUNDATION Fieldbus protocol

Load(Output signal code D and E)

0 to 1335 Ω for operation
250 to 600 Ω for digital communication

EMC Conformity Standards CE

For EMI (Emission): EN55011
For EMS (Immunity): EN50082-2

Communication Requirements "◇"

BRAIN

Communication Distance

Up to 2 km (1.25 miles) when using CEV polyethylene-insulated PVC-sheathed cables. Communication distance varies depending on type of cable used.

Load Capacitance

0.22 μF or less (see note)

Load Inductance

3.3 mH or less (see note)

Input Impedance of communicating device

10 kΩ or more at 2.4 kHz.

Note : For general-use and Flameproof type.
For Intrinsically safe type, please refer to 'OPTIONAL SPECIFICATIONS.'

HART

Communication Distance
Up to 1.5 km (1 mile) when using multiple twisted pair cables. Communication distance varies depending on type of cable used.

Use the following formula to determine cable length for specific applications:

$$L = \frac{65 \times 10^6}{(R \times C)} - \frac{(C_f + 10{,}000)}{C}$$

Where:
L = length in meters or feet
R = resistance in Ω (including barrier resistance)
C = cable capacitance in pF/m or pF/ft
C_f = maximum shunt capacitance of receiving devices in pF/m or pF/ft

□ PHYSICAL SPECIFICATIONS

Wetted Parts Materials

Diaphragm, Cover flange, Process connector, and Vent/Drain Plug
Refer to 'MODEL AND SUFFIX CODE.'

Capsule Gasket
For wetted parts material code S, Teflon-coated SUS316L.
For wetted parts material code other than S, PTFE(Teflon).

Process Connector Gasket
PTFE Teflon

Non-wetted Parts Materials

Bolting
SCM435 or SUS630

Housing
Low copper cast-aluminum alloy with polyurethane paint (Munsell 0.6GY3.1/2.0)

Enclosure Classification
JIS C0920 immersion proof
(equivalent to NEMA 4X and IEC IP67)

Cover O-rings
Buna-N

Name plate and tag
SUS304

Fill Fluid
Silicone, Fluorinated oil (option)

Weight
3.9 kg (8.6 lbs.) without integral indicator, mounting bracket, and process connector.

Connections
Refer to the model code to specify the process and electrical connection type.

■ MODEL AND SUFFIX CODES

Model	Suffix Codes	Description		
EJA110A		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 protocol, refer to GS 1C22T1-E)		
	-F	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 1C22T2-E)		
Measurement span(capsule)	**L**	0.5 to 10 kPa {50 to 1000 mmH$_2$O}		
	M	1 to 100 kPa {100 to 10000 mmH$_2$O}		
	H	5 to 500 kPa { 0.05 to 5 kgf/cm^2}		
	V	0.14 to 14 MPa { 1.4 to 140 kgf/cm^2}*1		
Wetted parts material		[Body]*2	[Capsule]	[Vent plug]
	S	SCS14A	SUS316L*4	SUS316
	H	SCS14A	Hastelloy C-276*5	SUS316
	M	SCS14A	Monel*5	SUS316
	T	SCS14A	Tantalum*5	SUS316
	A	Hastelloy C-276 equivalent*3	Hastelloy C-276*5	Hastelloy C-276
	D	Hastelloy C-276 equivalent*3	Tantalum*5	Hastelloy C-276
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 material			[Maximum working pressure] (L capsule)	(M, H, and V capsule)
	☆ **A**	SCM435	3.5 MPa {35 kgf/cm^2}	14 MPa {140 kgf/cm^2}
	B	SUS630	3.5 MPa {35 kgf/cm^2}	14 MPa {140 kgf/cm^2}
Installation	**-2**	Vertical impulse piping type, right side high pressure, process connector upside*6		
	-3	Vertical impulse piping type, right side high pressure, process connector downside*6		
	-6	Vertical impulse piping type, left side high pressure, process connector upside*6		
	-7	Vertical impulse piping type, left side high pressure, process connector downside*6		
	-8	Horizontal impulse piping type, right side high pressure*7		
	☆ **-9**	Horizontal impulse piping type, left side high pressure*7		
Electrical connection	**0**	G1/2 female, one electrical connection		
	☆ **2**	1/2 NPT female, two electrical connections without blind plug		
	3	PG 13.5 female, two electrical connections without blind plug		
	4	M20 female, two electrical connections without blind plug		
	5	G1/2 female, two electrical connections and a blind plug		
	7	1/2 NPT female, two electrical connections and a blind plug		
	8	PG 13.5 female, two electrical connections and ablind plug		
	9	M20 female, two electrical connections and a blind plug		
Integral indicator	**D**	Digital indicator		
	E	Digital indicator with the range setting switch		
	☆ **N**	(None)		
Mounting bracket	☆ **A**	SECC Carbon steel	2-inch pipe mounting (flat type)	
	B	SUS304	2-inch pipe mounting (flat type)	
	C	SECC Carbon steel	2-inch pipe mounting (L type)	
	D	SUS304	2-inch pipe mounting (L type)	
	N	(None)		
Optional codes		/☐ Optional specification		

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

*1: For Wetted parts material code H, M, T, A, and D, the range limits are 0 to 14 MPa{0 to 140 kgf/cm^2}.
*2: Indicates material of cover flanges and process connectors.
*3: Indicated material is equivalent to ASTM CW-12MW.
*4: Diaphragm material is Hastelloy C-276. Indicated is other wetted parts materials.
*5: Indicates diaphragm and other wetted parts material.
*6: If necessary, specify Mounting bracket code C or D.
*7: If necessary, specify Mounting bracket code A or B.

■ OPTIONAL SPECIFICATIONS (For Explosion Protected type)

Item	Description	Code
Factory Mutual (FM)	FM Explosionproof Approval Explosionproof for Class I, Division 1, Groups B, C and D Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G Hazardous (classified) locations, indoors and outdoors (NEMA 4X) Temperature class : T6 Amb. Temp. :–40 to 60 °C (–40 to 140 °F) Electrical connection : 1/2 NPT female *1	**FF1**
	FM Intrinsically safe Approval *3 Intrinsically Safe for Class I, Division 1, Groups A, B, C & D, Class II, Division 1, Groups E, F & G and Class III, Division 1 Hazardous Locations. Nonincendive for Class I, Division 2, Groups A, B, C & D, Class II, Division. 2, Groups E, F & G, and Class III, Division 1 Hazardous Locations. Enclosure : "NEMA 4X", Temp. Class : T4, Amb. Temp. : –40 to 60 °C (–40 to 140 °F) Intrinsically Safe Apparatus Parameters [Groups A, B, C, D, E, F and G] Vmax=30 V, Imax=165 mA, Pmax=0.9 W, Ci=22.5 nF, Li=730 μH [Groups C, D, E, F and G] Vmax=30 V, Imax=225 mA, Pmax=0.9 W, Ci=22.5 nF, Li=730 μH Electrical connection : 1/2 NPT female *1	**FS1**
	Combined FF1and FS1*3 Electrical connection : 1/2 NPT female *1	**FU1**
CENELEC (KEMA)	CENELEC (KEMA) Flameproof Approval EExd IIC T4, T5, T6, Amb. Temp. : –40 to 80 °C (–40 to 176 °F) Max. process Temp. : T4 ; 120 °C (248 °F), T5 ; 100 °C (212 °F), T6 ; 85 °C (185 °F) Electrical connection : 1/2 NPT female, PG 13.5 female and M20 female *2	**KF1**
	CENELEC (KEMA) Intrinsically safe Approval *3 EEx ia IIC T4, Amb. Temp. : –40 to 60 °C(–40 to 140 °F) Ui=30 V, Ii=165 mA, Pi=0.9 W, Ci=22.5 nF, Li=730 μH Electrical connection : 1/2 NPT female, PG 13.5 female and M20 female *2	**KS1**
	Combined KF1, KS1 and Type N Approval *3 KEMA Type N Approval Ex nA IIC T4, Amb. Temp. : –40 to 60 °C(–40 to 140 °F) U=30 V, I=165 mA Electrical connection : 1/2 NPT female, PG 13.5 female and M20 female *2	**KU1**
Canadian Standards Association (CSA)	CSA Explosionproof Approval Explosionproof for Class I, Division 1, Groups B, C and D Dustignitionproof for Class II/III, Division 1, Groups E, F and G Division2 'SEALS NOT REQUIRED' , Temp. Class : T4, T5, T6 Encl Type 4x Max. Process Temp. : T4 ; 120 °C (248 °F), T5 ; 100 °C (212 °F), T6 ; 85 °C (185 °F) Amb. Temp. :–40 to 80 °C (–40 to 176 °F) Electrical connection : 1/2 NPT female *1	**CF1**
	CSA Intrinsically safe Approval *3 Class I, Groups A, B, C and D Class II and III, Groups E, F and G Encl Type 4x, Temp. Class : T4, Amb. Temp. : –40 to 60 °C (–40 to 140 °F) Vmax=30 V, Imax=165 mA, Pmax=0.9 W, Ci=22.5 nF, Li=730 μH Electrical connection : 1/2 NPT female *1	**CS1**
	Combined CF1 and CS1 *3 Electrical connection : 1/2 NPT female *1	**CU1**
Standards Association of Australia (SAA) *3	SAA Flameproof, Intrinsically safe and Non-sparking Approval Ex d IIC T4/T5/T6, IP67 class I, Zone 1, Amb. Temp. : –40 to 80 °C (–40 to 176 °F) Max. Process Temp. : T4 ; 120 °C (248 °F), T5 ; 100 °C (212 °F), T6 ; 85 °C (185 °F) Ex ia IIC T4, IP67 class I, Zone 0 Ex n IIC T4, IP67 class I, Zone 2 Ui=30 V DC, Ii=165 mA DC, Wi=0.9 W, Amb. Temp. : –40 to 60 °C (–40 to 140 °F) Electrical connection : 1/2 NPT female, PG 13.5 female and M20 female *2	**SU1**

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*1: Applicable for Electrical connection code 2 and 7.
*2: Applicable for Electrical connection code 2, 3, 4, 7, 8, and 9.
*3: Applicable for Output signal code D and E.

■ OPTIONAL SPECIFICATION

Item		Description		Code
Painting	Color change	Amplifier cover only		**P□**
	Coating change	Epoxy resin-baked coating		**X1**
Lightning protector		Transmitter power supply voltage: 10.5 to 32 V DC (10.5 to 30 V DC for intrinsically safe type, 9 to 32 V DC for Fieldbus communication type.) Allowable current: Max. 6000 A (1×40 μs), Repeating 1000 A (1×40 μs) 100 times		**A**
Oil-prohibited use*11		Degrease cleansing treatment		**K1**
		Degrease cleansing treatment and with fluorinated oilfilled capsule. Operating temperature -20 to 80 °C		**K2**
Oil-prohibited use with dehydrating treatment*11		Degrease cleansing treatment and dehydrating treatment		**K5**
		Degrease cleansing treatment and dehydrating treatment with fluorinated oilfilled capsule. Operating temperature -20 to 80 °C		**K6**
Calibration units*1		P calibration (psi unit)	(See Table for Span and Range Limits.)	**D1**
		bar calibration (bar unit)		**D3**
		M calibration (kgf/cm^2 unit)		**D4**
Sealing treatment to SUS630 nuts		Sealant (liquid silicone rubber) is coated on surfaces of SUS630 nuts used for cover flange mounting.		**Y**
Long vent*2		Total vent plug Length: 112mm (standard, 32mm)		**U**
Down-scale burnout in CPU failure*3		Down-scale: -5 %, 3.2 mA DC or less		**C1**
Stainless steel amplifier housing*4		Amplifier housing material: SCS14A stainless steel (equivalent to SUS316 cast stainless steel or ASTM CF-8M)		**E1**
Gold-plate*5		Gold-plated diaphragm		**A1**
Mill Certificate		Cover flange *6		**M01**
		Cover flange, Process connector *7		**M11**
Pressure test / Leak test Certificate		Test Pressure: 3.5 MPa{35 kgf/cm^2}*8	Nitrogen(N_2) Gas*10 Retention time: 10 minutes	**T01**
		Test Pressure: 14 MPa{140 kgf/cm^2}*9		**T02**

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*1: The unit of MWP (Max. working pressure) on the name plate of a housing is the same unit as specified by Optional code D1, D3, and D4.
*2: Applicable for vertical impulse piping type (Installation code 2, 3, 6, and 7) and Wetted parts material code S, H, M, and T. Long vent material is SUS316.
*3: Initial preset status of the standard type (without /C1): Up-scale (110 %, 21.6 mA DC or more)
Applicable for Output signal code D and E.
*4: Applicable for Electrical connection code 2, 3, 4, 7, 8, and 9. Not applicable for Optional code P□ and X1.
*5: Applicable for Wetted parts material code S.
*6: Applicable for Process connections code 0 and 5.
*7: Applicable for Process connections code 1, 2, 3, and 4.
*8: Applicable for Capsule code L.
*9: Applicable for Capsule code M, H and V.
*10: Pure nitrogen gas is used for oil-prohibited use (Optional code K1, K2, K5, and K6).
*11: Applicable for Wetted parts material code S, H, M, and T.

< Settings When Shipped > "◇"

Tag Number	As specified in order *1
Output Mode	'Linear' unless otherwise specified in order
Display Mode	'Linear' unless otherwise specified in order
Operation Mode	'Normal' unless otherwise specified in order
Damping Time Constant *2	'2 sec.'

Calibration Range Lower Range Value	As specified in order
Calibration Range Higher Range Value	As specified in order
Calibration Range Units	Selected from mmH_2O, mmAq, mmWG, mmHg, kPa, MPa, mbar, bar, gf/cm^2, kgf/cm^2, inH_2O, inHg, ftH_2O, or psi. (Only one unit can be specified)

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*1: Up to 16 alphanumeric characters (including - and ·) will be entered in the amplifier memory.
*2: If using square root output, set damping time constant to 2 sec. or more.

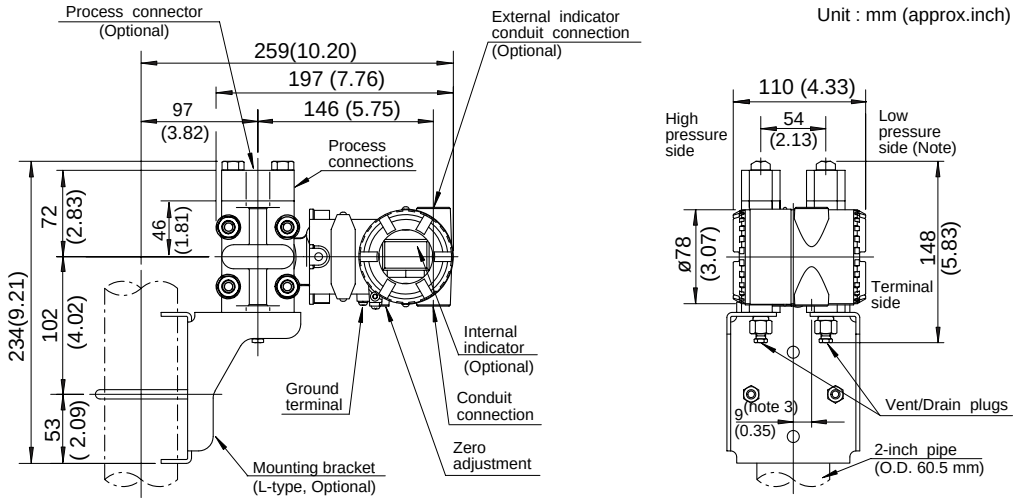
■ DIMENSIONS

● **Model EJA110A**

Vertical Impulse Piping Type

Process connector upside (INSTALLATION CODE '6') (For CODE '2','3' or '7', refer to the notes below.)

Unit : mm (approx.inch)



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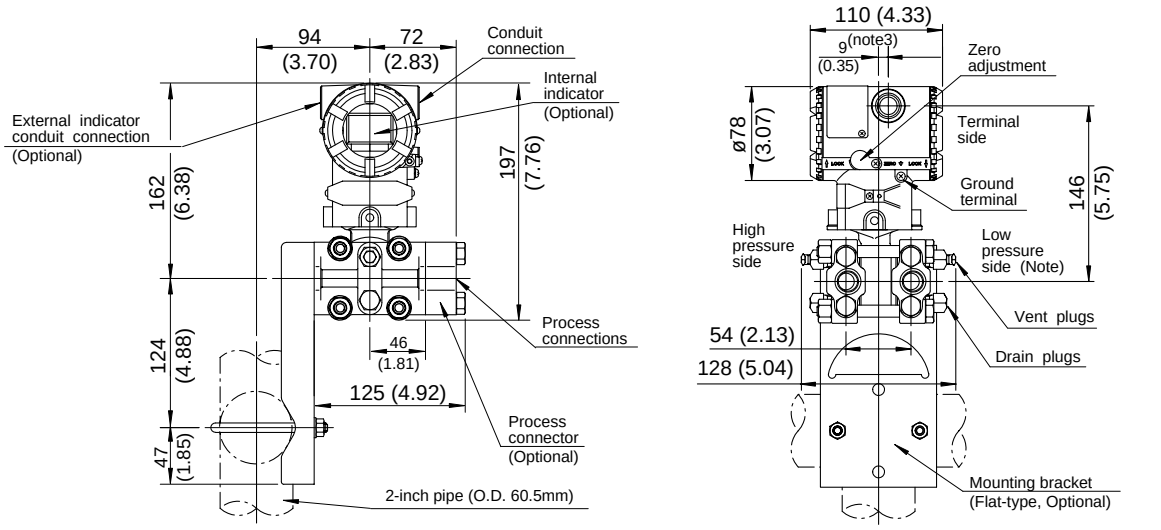
Horizontal Impulse Piping Type (INSTALLATION CODE '9') (For CODE '8', refer to the notes below.)



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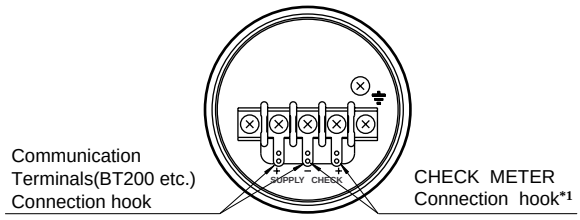
* 1: When Installation code 2, 3, or 8 is selected, high and low pressure side on above figure are reversed.
(i.e. High pressure side is on the right side.)
* 2: When Installation code 3 or 7 is selected, process connection mounting bracket on above figure are reversed.
* 3: 15 mm(0.59 inch) for right side high pressure.(for code 2, 3 or 8)

● Terminal Configuration



● Terminal Wiring

SUPPLY + −	Power supply and output terminal
CHECK + −	External indicator(ammeter) terminal*1
⏚	Ground terminal

*1: When using an external indicator or a check meter, the internal resistance must be 10 Ω or less.
Not available for Fieldbus communication(Output signal code F).

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■ SELECTION GUIDE

Application	Type	Model	Capsule	Measurement Span		Maximum Working Pressure	
				kPa	inH_2O	MPa	psi
Differential Pressure	Traditional-Mounting*1	EJA110A	L M H V	0.5 to 10 1 to 100 5 to 500 0.14 to 14MPa	2 to 40 4 to 400 20 to 2000 20 to 2000 psi	3.5 14 14 14	500 2000 2000 2000
Flow	Integral Orifice	EJA115	L M H	1 to 10 2 to 100 20 to 210	4 to 40 8 to 400 80 to 830	3.5 14 14	500 2000 2000
Differential Pressure & Liquid Level with Remote Seals	Extended Flush Combination	EJA118N EJA118W EJA118Y	M H	2.5 to 100 25 to 500	10 to 400 100 to 2000	Based on Flange Rating	
Draft Range	Traditional-Mounting*1	EJA120A	E	0.1 to 1	0.4 to 4	50 kPa	7.25
Differential Pressure & Liquid Level	Traditional-Mounting*1	EJA130A	M H	1 to 100 5 to 500	4 to 400 20 to 2000	32 32	4500 4500
Liquid Level, Closed or Open Tank	Flush Extended	EJA210A EJA220A	M H	1 to 100 5 to 500	4 to 400 20 to 2000	Based on Flange Rating	
Absolute (vacuum) Pressure	Traditional-Mounting*1	EJA310A	L M A	0.67 to 10*2 1.3 to 130*2 0.03 to 3 MPa*2	2.67 to 40*2 0.38 to 38 inHg*2 4.3 to 430 psi*2	10 kPa*2 130 kPa*2 3000 kPa*2	40 in H_2O*2 18.65*2 430*2
Gauge Pressure	Traditional-Mounting*1	EJA430A	A B	0.03 to 3 MPa 0.14 to 14	4.3 to 430 psi 20 to 2000 psi	3 14	430 2000
Gauge Pressure with Remote Seal	Extended	EJA438N	A B	0.06 to 3 MPa 0.46 to 7	9 to 430 psi 66 to 1000 psi	Based on Flange Rating	
Gauge Pressure with Remote Seal	Flush	EJA438W	A B	0.06 to 3 MPa 0.46 to 7	8 to 430 psi 66 to 2000 psi	Based on Flange Rating	
High Gauge	Traditional-Mounting*1	EJA440A	C D	5 to 32 MPa 5 to 50 MPa	720 to 4500 psi 720 to 7200 psi	32 50	4500 7200

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*1: Traditional-mounting is 1/4 - 18 NPTF process connections (1/2 - 14 NPTF with process adapters) on 2-1/8" centers.
*2: Measurement values in absolute.

< Ordering Information > "◇"

Specify the following when ordering
1. Model, suffix codes, and optional codes
2. Calibration range and units:
   1) Calibration range can be specified with range value specifications up to 5 digits (excluding any decimal point) for low or high range limits within the range of -32000 to 32000.
   2) Specify only one unit from the table, 'Settings when shipped.'
3. Select linear or square root for output mode and display mode.
   Note: If not specified, the instrument is shipped set for linear mode.
4. Select normal or reverse for operation mode
   Note: If not specified, the instrument is shipped in normal operation mode.
5. Display scale and units (for transmitters equipped with integral indicator only)
   Specify either 0 to 100 % or engineering unit scale and 'Range and Unit' for engineering units scale: Scale range can be specified with range limit specifications up to 5 digits (excluding any decimal point) for low or high range limits within the range of -19999 to 19999.
6. Tag Nunber (if required)

< Related Instruments > "◇"

Power Distributor: Refer to GS 1B4T1-E, 1B4T2-E.
3-Value Manifold: Refer to GS 22B1C1-E
BRAIN TERMINAL: Refer to GS 1C0A11-E

< Reference >

1. Teflon; Trademark of E.I. DuPont de Nemours & Company (USA) for polytetrafluoreoethylene.
2. Hastelloy C-276; Trademark of Union Carbide Corporation (USA) for nickel-molybdenum alloy.

Material Cross Reference Table

SUS316L	AISI 316L
SUS316	AISI 316
SUS304	AISI 304
S25C	AISI 1025
SCM435	AISI 4137
SUS630	ASTM630
SCS14A	ASTM CF-8M

T09E.EPS

< Specification Conformance >

The model EJA110A maintains a specification conformance to at least 3 σ.