



1.1 Model and Suffix Codes

● Model EJA118W

Model	Suffix Codes	Description
EJA118W	Diaphragm sealed differential pressure transmitter (Flush diaphragm type)
Output Signal	-D	4 to 20 mA DC with digital communication (BRAIN protocol)
	-E	4 to 20 mA DC with digital communication (HART protocol, see IM 01C22T01-01E)
	-F	Digital communication (FOUNDATION Fieldbus protocol, see IM 01C22T02-01E)
	-G	Digital communication (PROFIBUS PA protocol, see IM 01C22T03-00E)
Measurement span (capsule)	M	2.5 to 100 kPa {250 to 10000 mmH ₂ O}
	H	25 to 500 kPa {0.25 to 5 kgf / cm ² }
Wetted parts material	S	[Diaphragm] JIS SUS316L [Others] JIS SUS316L
	H	Hastelloy C-276 Hastelloy C-276
	T	Tantalum Tantalum *1
	U	Titanium Titanium
Process flange rating	J1	JIS 10K
	J2	JIS 20K
	J4	JIS 40K
	A1	ANSI class 150
	A2	ANSI class 300
	A4	ANSI class 600
	P1	JPI class 150
	P2	JPI class 300
	P4	JPI class 600
	D2	DIN PN10/16
	D4	DIN PN25/40
	D5	DIN PN64
Process flange size / material	D	3-inch (80 mm) / JIS S25C
	E	3-inch (80 mm) / JIS SUS304
	F	3-inch (80 mm) / JIS SUS316
	A	2-inch (50 mm) / JIS S25C
	B	2-inch (50 mm) / JIS SUS304
C	2-inch (50 mm) / JIS SUS316	
Cover flange bolts material	A	JIS SCM435
	B	JIS SUS630
Fill fluid	-A	For general use (silicone oil) [Process temp.] -10 to 250°C [Ambient temp.] -10 to 60°C
	-B	For general use (silicone oil) -30 to 180°C -15 to 60°C
	-C	For high temperature use (silicone oil) 10 to 300°C 10 to 60°C
	-D	For oil-prohibited use (fluorinated oil) -20 to 120°C -10 to 60°C
	-E	For low temperature use (ethylene glycol) -50 to 100°C -40 to 60°C
—	A	Always A
Capillary length (m)	<input type="checkbox"/> <input type="checkbox"/>	Specify capillary length from 1 to 10 m in <input type="checkbox"/> <input type="checkbox"/> . (Example for 2 m: 02)
Installation	-9	Horizontal impulse piping type, left side high pressure
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 a blind plug
	9	M20 female, two electrical connections and a blind plug
	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
	E	Digital indicator with the range setting switch
	N	(None)
Mounting bracket	A	JIS SECC 2-inch pipe mounting (flat type)
	B	JIS SUS304 2-inch pipe mounting (flat type)
	J	JIS SUS316 2-inch pipe mounting (flat type)
	N	(None)
Optional codes	<input type="checkbox"/>	/ <input type="checkbox"/> Optional specification

Example: EJA118W-DMSA1A-AA02-92NA/

*1: In case of wetted parts material code T(Tantalum), maximum process temperature limits is 200°C.



● **Model EJA118N**

Model	Suffix Codes	Description
EJA118N	Diaphragm sealed differential pressure transmitter (Extended diaphragm type)
Output Signal	-D	4 to 20 mA DC with digital communication (BRAIN protocol)
	-E	4 to 20 mA DC with digital communication (HART protocol, see IM 01C22T01-01E)
	-F	Digital communication (FOUNDATION Fieldbus protocol, see IM 01C22T02-01E)
	-G	Digital communication (PROFIBUS PA protocol, see IM 01C22T03-00E)
Measurement span (capsule)	M	2.5 to 100 kPa {250 to 10000 mmH ₂ O}
	H	25 to 500 kPa {0.25 to 5 kgf / cm ² }
Wetted parts material	S	[Diaphragm] [Pipe] [Others] JIS SUS316L JIS SUS316 JIS SUS316
Process flange rating	J1	JIS 10K
	J2	JIS 20K
	A1	ANSI class 150
	A2	ANSI class 300
	P1	JPI class 150
	P2	JPI class 300
	D2	DIN PN10/16
Diaphragm extension length (X ₂)	2	X ₂ = 50 mm
	4	X ₂ = 100 mm
	6	X ₂ = 150 mm
Process flange size / material	G	4-inch (100 mm) / JIS S25C
	H	4-inch (100 mm) / JIS SUS304
	J	4-inch (100 mm) / JIS SUS316
	D	3-inch (80 mm) / JIS S25C
	E	3-inch (80 mm) / JIS SUS304
	F	3-inch (80 mm) / JIS SUS316
Cover flange bolts material	A	JIS SCM435
	B	JIS SUS630
Fill fluid	-A	For general use (silicone oil) [Process temp.] [Ambient temp.] -10 to 250°C -10 to 60°C
	-B	For general use (silicone oil) -30 to 180°C -15 to 60°C
	-C	For high temperature use (silicone oil) 10 to 300°C 10 to 60°C
	-D	For oil-prohibited use (fluorinated oil) -20 to 120°C -10 to 60°C
	-E	For low temperature use (ethylene glycol) -50 to 100°C -40 to 60°C
		B
Capillary length (m)	□□	Specify capillary length from 1 to 10 m in □□. (Example for 2 m: 02)
Installation	-9	Horizontal impulse piping type, left side high pressure
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 a blind plug
	9	M20 female, two electrical connections and a blind plug
	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
	E	Digital indicator with the range setting switch
	N	(None)
Mounting bracket	A	JIS SECC 2-inch pipe mounting (flat type)
	B	JIS SUS304 2-inch pipe mounting (flat type)
	J	JIS SUS316 2-inch pipe mounting (flat type)
	N	(None)
Optional codes		/ □ Optional specification

Example: EJA118N-DMSA12GA-AB02-92NA/□



● Model EJA118Y

Model	Suffix Codes	Description
EJA118Y	Diaphragm sealed differential pressure transmitter (Combination of extended diaphragm and flush diaphragm type)
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, see IM 01C22T01-01E) Digital communication (FOUNDATION Fieldbus protocol, see IM 01C22T02-01E) Digital communication (PROFIBUS PA protocol, see IM 01C22T03-00E)
Measurement span (capsule)	M H	2.5 to 100 kPa {250 to 10000 mmH ₂ O} 25 to 500 kPa {0.25 to 5 kgf / cm ² }
High pressure side wetted (extended diaphragm type) parts material *1	S.....	[Diaphragm] [Pipe] [Others] JIS SUS316L JIS SUS316 JIS SUS316
Process flange rating	J1 J2 A1..... A2..... P1..... P2..... D2..... D4.....	JIS 10K JIS 20K ANSI class 150 ANSI class 300 JPI class 150 JPI class 300 DIN PN10/16 DIN PN25/40
Diaphragm extension length (X ₂)	2 4 6	X ₂ = 50 mm X ₂ = 100 mm X ₂ = 150 mm
Process flange size / material	P..... Q..... R.....	High pressure side 4-inch (100 mm) / JIS S25C Low pressure side 3-inch (80 mm) / JIS S25C High pressure side 4-inch (100 mm) / JIS SUS304 Low pressure side 3-inch (80 mm) / JIS SUS304 High pressure side 4-inch (100 mm) / JIS SUS316 Low pressure side 3-inch (80 mm) / JIS SUS316
Cover flange bolts material	A..... B.....	JIS SCM435 JIS SUS630
Fill fluid	-A -B -C -D -E	[Process temp.] [Ambient temp.] For general use (silicone oil) -10 to 250°C -10 to 60°C For general use (silicone oil) -30 to 180°C -15 to 60°C For high temperature use (silicone oil) 10 to 300°C 10 to 60°C For oil-prohibited use (fluorinated oil) -20 to 120°C -10 to 60°C For low temperature use (ethylene glycol) -50 to 100°C -40 to 60°C
—	C.....	Always C
Capillary length (m)	□□.....	Specify capillary length from 1 to 10 m in □□. (Example for 2 m: 02)
Installation	-9	Horizontal impulse piping type, left side high pressure
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 (None)
Mounting bracket	A... B... J... N...	JIS SECC 2-inch pipe mounting (flat type) JIS SUS304 2-inch pipe mounting (flat type) JIS SUS316 2-inch pipe mounting (flat type) (None)
Optional codes		/ □ Optional specification

Example: EJA118Y-DMSA12PA-AC02-92NA/□

*1: Low pressure side (Flush diaphragm) wetted parts material: Diaphragm and others; SUS316L.

1.2 Optional Specifications

For FOUNDATION Fieldbus explosion protected type, see IM 01C22T02-01E.

For PROFIBUS PA explosion protected type, see IM 01C22T03-00E.

Item	Description	Code
Factory Mutual (FM)	FM Explosionproof Approval *1 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) Division 2, 'SEALS NOT REQUIRED', Temp. Class: T6 Amb. Temp.: -40 to 60°C (-40 to 140°F)	FF1
	FM Intrinsically safe Approval *1 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	FS1
	Combined FF1 and FS1 *1	FU1
ATEX	ATEX Flameproof Approval *2 Certificate: KEMA 02ATEX2148 II 2G Exd IIC T4, T5, T6 Amb. Temp.: T5; -40 to 80°C (-40 to 176°F), T4 and T6; -40 to 75°C (-40 to 167°F) Max. process Temp.: T4; 120°C (248°F), T5; 100°C (212°F), T6; 85°C (185°F)	KF21
	ATEX Intrinsically safe Approval *2 Certificate: KEMA 02ATEX1030X II 1G 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	KS2
Canadian Standards Association (CSA)	CSA Explosionproof Approval *1 Certificate: 1089598 Explosionproof for Class I, Division 1, Groups B, C and D Dustignitionproof for Class II/III, Division 1, Groups E, F and G Division 2 '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) Process Sealing Certification Dual Seal Certified by CSA to the requirement of ANSI/ISA 12.27.01 No additional sealing required. Primary seal failure annunciation : at the zero adjustment screw	CF1
	CSA Intrinsically safe Approval *1 Certificate: 1053843 Intrinsically Safe for Class I, Groups A, B, C and D Class II and III, Groups E, F and G Nonincendive for Class I, Division 2, Groups A, B, C and D Class II, Division 2, Groups F and G and Class III (not use Safety Barrier) 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 Process Sealing Certification Dual Seal Certified by CSA to the requirement of ANSI/ISA 12.27.01 No additional sealing required. Primary seal failure annunciation : at the zero adjustment screw	CS1
	Combined CF1 and CS1 *1	CU1



Item	Description	Code
IECEX Scheme	IECEx Intrinsically safe, type n and Flameproof Approval *3 Intrinsically safe and type n Certificate: IECEx KEM 06.0007X Ex ia IIC T4, Ex nL IIC T4 Enclosure: IP67 Amb. Temp.: -40 to 60°C (-40 to 140°F), Max. Process Temp.: 120°C (248°F) Electrical Parameters: [Ex ia] Ui=30 V, li=165 mA, Pi=0.9 W, Ci=22.5 nF, Li=730 µH [Ex nL] Ui=30 V, Ci=22.5 nF, Li=730 µH Flameproof Certificate: IECEx KEM 06.0005 Ex d IIC T6...T4 Enclosure: IP67 Max.Process Temp.: T4;120°C (248°F), T5;100°C (212°F), T6; 85°C (185°F) Amb.Temp.: -40 to 75°C (-40 to 167°F) for T4, -40 to 80°C (-40 to 176°F) for T5, -40 to 75°C (-40 to 167°F) for T6	SU2
TIIS certification	TIIS Flameproof Approval, Ex do IIC T4X Certificate: C15296 (Without integral indicator) C15297 (With integral indicator) Amb. Temp.: -20 to 60°C, Process Temp.: -20 to 120°C	JF3
	TIIS Intrinsically safe Approval, Ex ia IIC T4 Certificate: C14632 Amb. Temp.: -20 to 60°C, Process Temp.: -20 to 120°C	JS3
Attached flameproof packing adapter	Electrical connection: G1/2 female	1 pc.
	Applicable cable: O. D. 8 to 12 mm	2 pcs.

- *1: Applicable for Electrical connection code 2 and 7 (1/2 NPT female).
- *2: Applicable for Electrical connection code 2, 4, 7 and 9 (1/2 NPT and M20 female).
- *3: Applicable for Electrical connection code 2, 4 and 7 (1/2 NPT and M20 female).



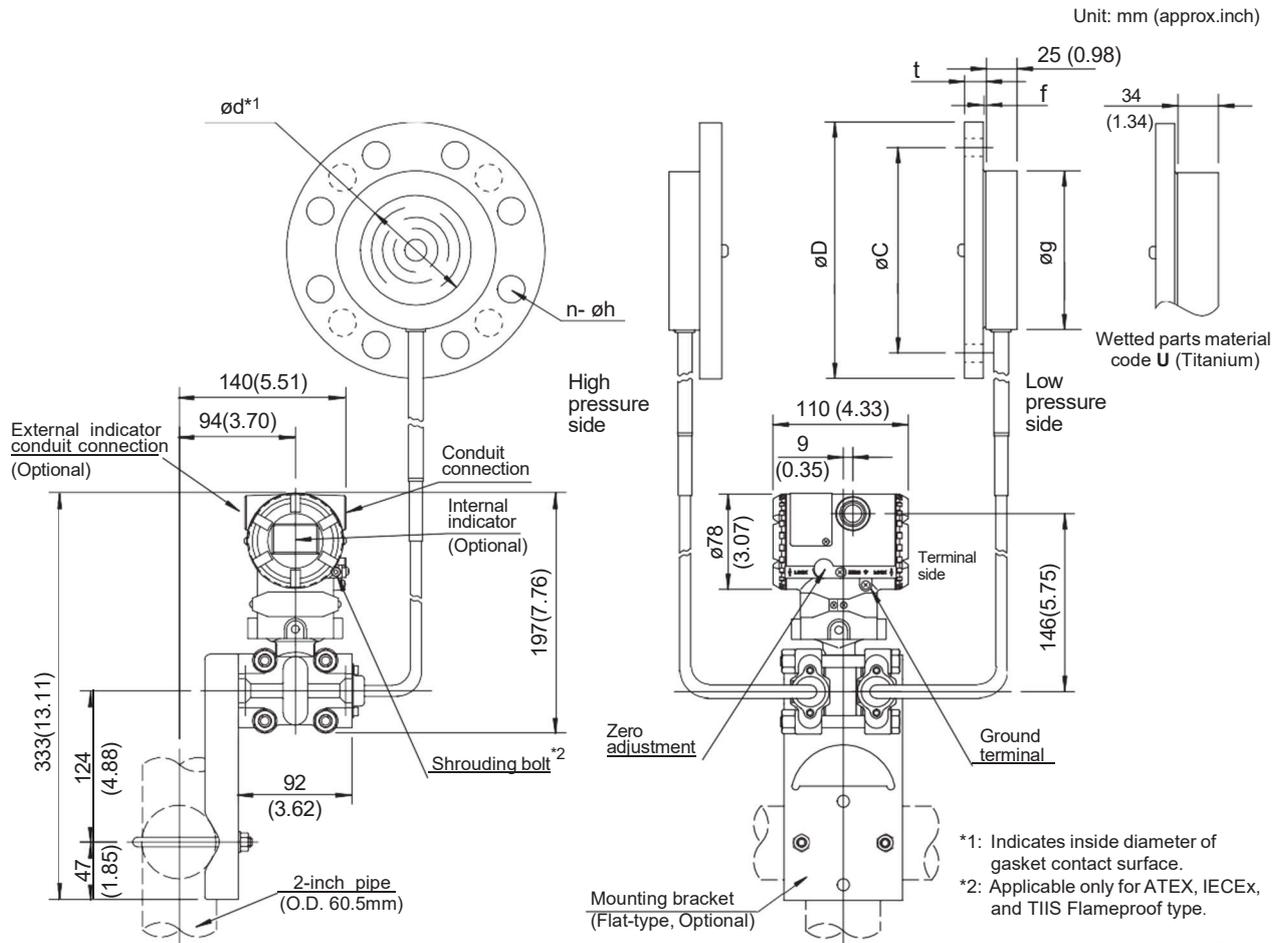
Item		Description	Code	
Painting	Color change	Amplifier cover only	P□	
		Amplifier cover and terminal cover, Munsell 7.5 R4/14	PR	
	Coating change	Epoxy resin-baked coating	X1	
316 SST exterior parts		Exterior parts on the amplifier housing (name plates, tag plates, zero-adjustment screw, stopper screw) will become 316 or 316L SST.	HC	
Fluoro-rubber O-ring		All O-rings of amplifier housing. Lower limit of ambient temperature : -15°C (5°F)	HE	
Lightning protector		Transmitter power supply voltg: 10.5 to 32 V DC (9 to 32 V DC for FOUNDATION Fieldbus and PROFIBUS PA communication type.) Allowable current: Max. 6000 A (1×40 μs), Repeating 1000 A (1×40 μs) 100 times	A	
Oil-prohibited use		Degrease cleansing treatment	K1	
Oil-prohibited use with dehydrating treatment		Degrease cleansing and dehydrating treatment	K5	
Calibration units	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 JIS SUS630 nuts		Sealant (liquided silicone rubber) is coated on surfaces of SUS630 nuts used for cover flange mounting.	Y	
No serration		No serration work on the flange gasket surface (for ANSI flange only)	Q	
Teflon film		With FEP film and fluorinated oil Working range: 20 to 150°C, 0 to 2 MPa {0 to 20 kgf/cm ² } (Not usable under vacuum)	T	
Operating temperature correction		Adjusting range: 80°C to maximum process temperature according to the specified fill fluid code	R	
Capillary without PVC sheaths		When ambient temperature exceeds 100°C, or use of PVC is prohibited	V	
Fast response *2		Update time: 0.125 sec or less, see GS for response time	F1	
Failure alarm down-scale *1		Output status at CPU failure and hardware error is -5%, 3.2 mA or less.	C1	
NAMUR NE43 compliant *1	Output signal limits: 3.8 mA to 20.5 mA	Failure alarm down-scale: output status at CPU failure and hardware error is -5%, 3.2 mA or less.	C2	
		Failure alarm up-scale: output status at CPU failure and hardware error is 110%, 21.6 mA or more.	C3	
Data configuration at factory		Description into "Descriptor" parameter of HART protocol	CA	
Stainless steel amplifier housing		Amplifier housing material: JIS SCS14A stainless steel (equivalent to SUS316 cast stainless steel or ASTM CF-8M)	E1	
Gold-plate		Gold-plated diaphragm	A1	
Stainless steel tag plate		SUS304 tag plate wired onto transmitter	N4	
Mill Certificate	Process flange, Block (For model EJA118W)		M05	
	Process flange, Block, Pipe, Base (For model EJA118N)		M06	
	High pressure side: Process flange, Block, Pipe, Base (For model EJA118Y) Low pressure side: Process flange, Block		M07	
Pressure test/Leak test Certificate	(Flange rating)	(Test pressure)	Nitrogen(N ₂) Gas Retention time: 10 minutes	
	JIS 10K	2 MPa {20 kgf/cm ² }		T31
	JIS 20K	5 MPa {50 kgf/cm ² }		T32
	JIS 40K	10 MPa {100 kgf/cm ² }		T33
	ANSI/JPI Class 150	3 MPa {29.8 kgf/cm ² }		T36
	ANSI/JPI Class 300	7.7 MPa {77 kgf/cm ² }		T37
	ANSI/JPI Class 300	7 MPa {70 kgf/cm ² }		T38
ANSI/JPI Class 600	14 MPa {140 kgf/cm ² }	T39		

*1: Applicable for Output signal code D and E. The hardware error indicates faulty amplifier or capsule. When combining with Optional code F1, output status for down-scale is -2.5%, 3.6 mA DC or less.

*2: Applicable for Output signal code D and E. Write protection switch is attached for Output code E.

1.3 Dimensions

- Model EJA118W [Style: S2]



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Process flange size: 3-inch (80 mm)

Flange Rating	$\varnothing D$	$\varnothing C$	$\varnothing g$	$\varnothing d$	t	f*	n	$\varnothing h$
JIS 10K	185(7.28)	150(5.91)	130(5.12)	90(3.54)	18(0.71)	0	8	19(0.75)
JIS 20K	200(7.87)	160(6.30)	130(5.12)	90(3.54)	22(0.87)	0	8	23(0.91)
JIS 40K	210(8.27)	170(6.69)	130(5.12)	90(3.54)	32(1.26)	0	8	23(0.91)
ANSI Class 150	190.5(7.50)	152.4(6)	130(5.12)	90(3.54)	23.9(0.94)	1.6(0.06)	4	19.1(0.75)
ANSI Class 300	209.6(8.25)	168.1(6.62)	130(5.12)	90(3.54)	28.5(1.12)	1.6(0.06)	8	22.4(0.88)
ANSI Class 600	209.6(8.25)	168.1(6.62)	130(5.12)	90(3.54)	38.2(1.50)	6.4(0.25)	8	22.4(0.88)
JPI Class 150	190(7.48)	152.4(6)	130(5.12)	90(3.54)	24(0.94)	1.6(0.06)	4	19(0.75)
JPI Class 300	210(8.27)	168.1(6.62)	130(5.12)	90(3.54)	28.5(1.12)	1.6(0.06)	8	22(0.87)
JPI Class 600	210(8.27)	168.1(6.62)	130(5.12)	90(3.54)	38.4(1.51)	6.4(0.25)	8	22(0.87)
DIN PN 10/16	200(7.78)	160(6.30)	130(5.12)	90(3.54)	20(0.79)	0	8	18(0.71)
DIN PN 25/40	200(7.78)	160(6.30)	130(5.12)	90(3.54)	24(0.94)	0	8	18(0.71)
DIN PN 64	215(8.46)	170(6.69)	130(5.12)	90(3.54)	28(1.10)	0	8	22(0.87)

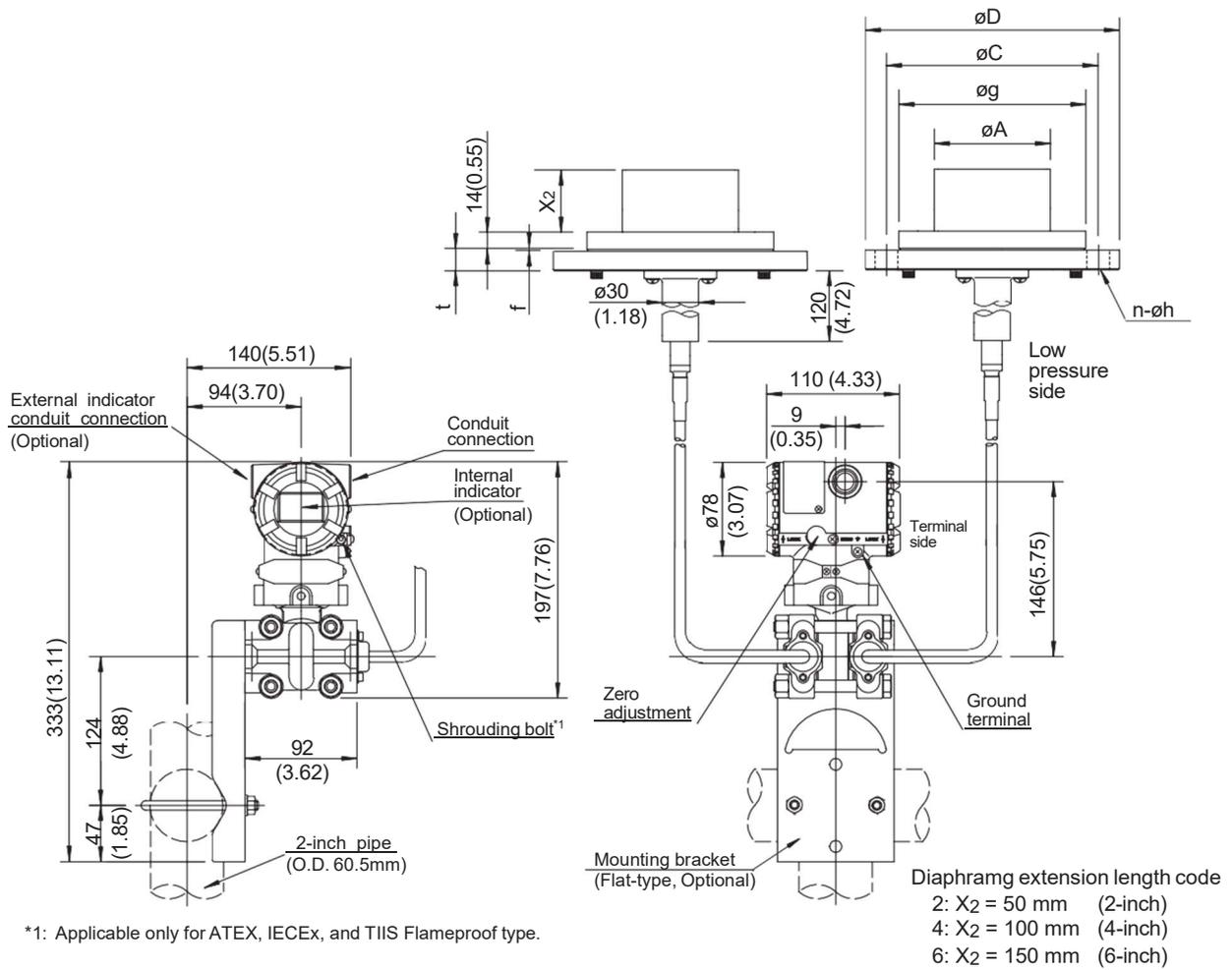
Process flange size: 2-inch (50 mm)

Flange Rating	ØD	ØC	Øg	Ød	t	f *	n	Øh
JIS 10K	155(6.10)	120(4.72)	100(3.94)	61(2.40)	16(0.63)	0	4	19(0.75)
JIS 20K	155(6.10)	120(4.72)	100(3.94)	61(2.40)	18(0.71)	0	8	19(0.75)
JIS 40K	165(6.50)	130(5.12)	100(3.94)	61(2.40)	26(1.02)	0	8	19(0.75)
ANSI Class 150	152.4(6.00)	120.7(4.75)	100(3.94)	61(2.40)	19.1(0.75)	1.6(0.06)	4	19.1(0.75)
ANSI Class 300	165.1(6.50)	127.0(5.00)	100(3.94)	61(2.40)	22.4(0.88)	1.6(0.06)	8	19.1(0.75)
ANSI Class 600	165.1(6.50)	127.0(5.00)	100(3.94)	61(2.40)	31.8(1.25)	6.4(0.25)	8	19.1(0.75)
JPI Class 150	152(6.10)	120.6(4.75)	100(3.94)	61(2.40)	19.5(0.77)	1.6(0.06)	4	19(0.75)
JPI Class 300	165(6.50)	127.0(5.00)	100(3.94)	61(2.40)	22.5(0.89)	1.6(0.06)	8	19(0.75)
JPI Class 600	165(6.50)	127.0(5.00)	100(3.94)	61(2.40)	31.9(1.26)	6.4(0.25)	8	19(0.75)
DIN PN 10/16	165(6.50)	125(4.92)	100(3.94)	61(2.40)	18(0.71)	0	4	18(0.71)
DIN PN 25/40	165(6.50)	125(4.92)	100(3.94)	61(2.40)	20(0.78)	0	4	18(0.71)
DIN PN 64	180(7.09)	135(5.31)	100(3.94)	61(2.40)	26(1.02)	0	4	22(0.87)

* In case where process flange material is JIS S25C, value of f is 0.

● **Model EJA118N [Style: S2]**

Unit: mm (approx.inch)



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Process flange size: 4-inch (100 mm)

Flange Rating	ØD	ØC	Øg	ØA	t	f*	n	Øh
JIS 10K	210(8.72)	175(6.89)	155(6.10)	96(3.78)	18(0.71)	0	8	19(0.75)
JIS 20K	225(8.86)	185(7.28)	155(6.10)	96(3.78)	24(0.94)	0	8	23(0.91)
ANSI Class 150	228.6(9.00)	190.5(7.50)	155(6.10)	96(3.78)	23.9(0.94)	1.6(0.06)	8	19.1(0.75)
ANSI Class 300	254(10.00)	200.2(7.88)	155(6.10)	96(3.78)	31.8(1.25)	1.6(0.06)	8	22.4(0.88)
JPI Class 150	229(9.02)	190.5(7.50)	155(6.10)	96(3.78)	24(0.94)	1.6(0.06)	8	19(0.75)
JPI Class 300	254(10.00)	200.2(7.88)	155(6.10)	96(3.78)	32(1.26)	1.6(0.06)	8	22(0.87)
DIN PN 10/16	220(8.66)	180(7.09)	155(6.10)	96(3.78)	20(0.79)	0	8	18(0.71)
DIN PN 25/40	235(9.25)	190(7.48)	155(6.10)	96(3.78)	24(0.94)	0	8	22(0.87)

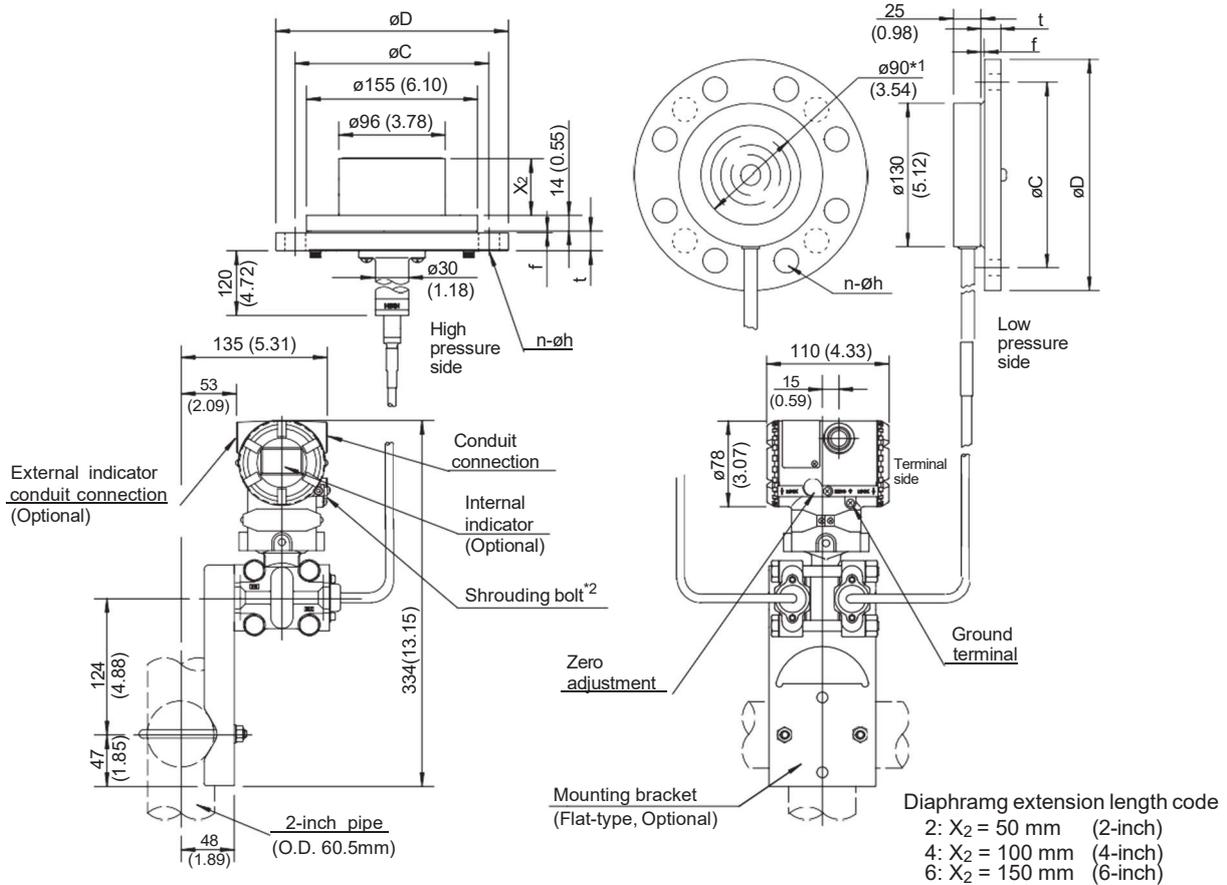
Process flange size: 3-inch (80 mm)

Flange Rating	ØD	ØC	Øg	ØA	t	f*	n	Øh
JIS 10K	185(7.28)	150(5.91)	130(5.12)	71(2.80)	18(0.71)	0	8	19(0.75)
JIS 20K	200(7.87)	160(6.30)	130(5.12)	71(2.80)	22(0.87)	0	8	23(0.91)
ANSI Class 150	190.5(7.50)	152.4(6)	130(5.12)	71(2.80)	23.9(0.94)	1.6(0.06)	4	19.1(0.75)
ANSI Class 300	209.6(8.25)	168.1(6.62)	130(5.12)	71(2.80)	28.5(1.12)	1.6(0.06)	8	22.4(0.88)
JPI Class 150	190(7.48)	152.4(6)	130(5.12)	71(2.80)	24(0.94)	1.6(0.06)	4	19(0.75)
JPI Class 300	210(8.27)	168.1(6.62)	130(5.12)	71(2.80)	28.5(1.12)	1.6(0.06)	8	22(0.87)
DIN PN 10/16	200(7.78)	160(6.30)	130(5.12)	71(2.80)	20(0.79)	0	8	18(0.71)
DIN PN 25/40	200(7.78)	160(6.30)	130(5.12)	71(2.80)	24(0.94)	0	8	18(0.71)

* In case where process flange material is JIS S25C, value of f is 0.

● **Model EJA118Y [Style: S2]**

Unit: mm (approx.inch)



*1: Indicates inside diameter of gasket contact surface.

*2: Applicable only for ATEX, IECEx, and TIIS Flameproof type.

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High pressure side Process flange size: 4-inch (100 mm)

Flange Rating	$\varnothing D$	$\varnothing C$	t	f^*	n	$\varnothing h$
JIS 10K	210(8.72)	175(6.89)	18(0.71)	0	8	19(0.75)
JIS 20K	225(8.86)	185(7.28)	24(0.94)	0	8	23(0.91)
ANSI Class 150	228.6(9.00)	190.5(7.50)	23.9(0.94)	1.6(0.06)	8	19.1(0.75)
ANSI Class 300	254(10.00)	200.2(7.88)	31.8(1.25)	1.6(0.06)	8	22.4(0.88)
JPI Class 150	229(9.02)	190.5(7.50)	24(0.94)	1.6(0.06)	8	19(0.75)
JPI Class 300	254(10.00)	200.2(7.88)	32(1.26)	1.6(0.06)	8	22(0.87)
DIN PN 10/16	220(8.66)	180(7.09)	20(0.79)	0	8	18(0.71)
DIN PN 25/40	235(9.25)	190(7.48)	24(0.94)	0	8	22(0.87)

Low pressure side Process flange size: 3-inch (80 mm)

Flange Rating	$\varnothing D$	$\varnothing C$	t	f^*	n	$\varnothing h$
JIS 10K	185(7.28)	150(5.91)	18(0.71)	0	8	19(0.75)
JIS 20K	200(7.87)	160(6.30)	22(0.87)	0	8	23(0.91)
ANSI Class 150	190.5(7.50)	152.4(6)	23.9(0.94)	1.6(0.06)	4	19.1(0.75)
ANSI Class 300	209.6(8.25)	168.1(6.62)	28.5(1.12)	1.6(0.06)	8	22.4(0.88)
JPI Class 150	190(7.48)	152.4(6)	24(0.94)	1.6(0.06)	4	19(0.75)
JPI Class 300	210(8.27)	168.1(6.62)	28.5(1.12)	1.6(0.06)	8	22(0.87)
DIN PN 10/16	200(7.78)	160(6.30)	20(0.79)	0	8	18(0.71)
DIN PN 25/40	200(7.78)	160(6.30)	24(0.94)	0	8	18(0.71)

* In case where process flange material is JIS S25C, value of f is 0.

