■ MODEL AND SUFFIX CODES

• Model EJA438W [Flange size: 2-inch (50 mm) and 3-inch (80 mm)]

Model	Suffix Codes	Description
EJA438W	.....	Diaphragm Sealed Gauge 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, refer to GS 01C22T01-00EN)
	-F	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C22T02-00EN)
	-G	Digital communication (PROFIBUS PA protocol, refer to GS 01C22T03-00EN)
Measurement span (capsule)	**A.**	0.06 to 3 MPa {0.6 to 30 kgf/cm^2}{8.6 to 430 psi}{0.6 to 30 bar}
	B.	0.46 to 14 MPa {4.6 to 140 kgf/cm^2}{66 to 2000 psi}{4.6 to 140 bar}
Wetted parts material *1		[Diaphragm] [Others]
	S	JIS SUS316L JIS SUS316L *6
	H#	Hastelloy C-276 *7 Hastelloy C-276 *7
	T	Tantalum Tantalum
	U	Titanium Titanium
Process flange rating	**J1**	JIS 10K
	J2	JIS 20K
	J4	JIS 40K
	J6	JIS 63K
	A1.	ANSI Class 150
	A2.	ANSI Class 300
	A4.	ANSI Class 600
	D2.	DIN PN10/16
	D4.	DIN PN25/40
	D5.	DIN PN64
	P1	JPI Class 150
	P2	JPI Class 300
	P4	JPI Class 600
Process flange size / material ►	**A.**	2-inch (50 mm) / JIS S25C
	B.	2-inch (50 mm) / JIS SUS304 *8
	C.	2-inch (50 mm) / JIS SUS316 *9
	D.	3-inch (80 mm) / JIS S25C
	E.	3-inch (80 mm) / JIS SUS304 *8
	F	3-inch (80 mm) / JIS SUS316 *9
Cover flange bolts material ►	**A.**	JIS SCM435
	B.	JIS SUS630
Fill fluid		[Process temp.] [Ambient temp.]
►	**-A**[*2]	For general use (silicone oil) -10 to 250 °C -10 to 60 °C
	-B	For general use (silicone oil) -30 to 180 °C -15 to 60 °C
	-C[*3]	For high temperature use (silicone oil) 10 to 300 °C 10 to 60 °C
	-D[*4]	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)	□□[*5]	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 *10
►	**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

The "►" marks indicate the most typical selection for each specification. Example: EJA438W-DASA1AA-AA02-92NA/□

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.

*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: In case of Wetted parts material code T (Tantalum), the process temperature limit is -10 to 200 °C.
*3: Wetted parts material code T (Tantalum) cannot be applied.
*4: Even in case where Fill fluid code D (fluorinated oil) is selected, if degrease cleansing treatment or both degrease cleansing and dehydrating treatment for the wetted parts is required, specify Optional code K1 or K5.
*5: In case of Wetted parts material code H (Hastelloy C), T (Tantalum), and U (Titanium) or Fill fluid code C (for high temperature use), specify capillary length from 1 to 5 m.
*6: JIS SUS316L or ASTM grade 316L.
*7: Hastelloy C-276 or ASTM N10276.
*8: JIS SUS304 or ASTM grade 304. Forged version may be used.
*9: JIS SUS316 or ASTM grade 316. Forged version may be used.
*10: Not applicable for Output signal code F and G.

Model	Suffix Codes	Description
EJA438N	. . . . .	Diaphragm sealed gauge 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, refer to GS 01C22T01-00EN)
	-F	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C22T02-00EN)
	-G	Digital communication (PROFIBUS PA protocol, refer to GS 01C22T03-00EN)
Measurement span (capsule)	**A.**	0.06 to 3 MPa {0.6 to 30 kgf/cm^2}{8.6 to 430 psi}{0.6 to 30 bar}
	B.	0.46 to 7 MPa {4.6 to 70 kgf/cm^2}{66 to 1000 psi}{4.6 to 70 bar}
Wetted parts material *1	**S**	[Diaphragm] JIS SUS316L / [Pipe] JIS SUS316 / [Others] JIS SUS316 *5
Flange rating	**J1**	JIS 10K
	J2	JIS 20K
	J4	JIS 40K
	A1.	ANSI Class 150
	A2.	ANSI Class 300
	D2.	DIN PN10/16
	D4.	DIN PN25/40
	P1.....	JPI Class 150
	P2.....	JPI Class 300
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 *6
	J	4-inch (100 mm) / JIS SUS316 *7
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*2	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.**	Always B
Capillary length (m) *3*4	□□.	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 *8
►	**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

The "►" marks indicate the most typical selection for each specification. Example: EJA438N-DASA12GA-AB02-92NA/□

*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: Even in case where Fill fluid code D (fluorinated oil) is selected, if degrease cleansing treatment or both degrease cleansing and dehydrating treatment for the wetted parts is required, specify Optional code K1 or K5.

*3: In case of Fill fluid code C (for high temperature use), specify capillary length from 1 to 5 m.

*4: The specified capillary length includes the diaphragm extension length(X_2) and the flange thickness(t).

*5: JIS SUS316 or ASTM grade 316.

*6 JIS SUS304 or ASTM grade 304. Forged version may be used.

*7: JIS SUS316 or ASTM grade 316. Forged version may be used.

*8: Not applicable for Output signal code F and G.

Model	Suffix Codes	Description
EJA438N	. . . . .	Diaphragm sealed gauge 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, refer to GS 01C22T01-00EN)
	-F	Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C22T02-00EN)
	-G	Digital communication (PROFIBUS PA protocol, refer to GS 01C22T03-00EN)
Measurement span (capsule)	**A.**	0.06 to 3 MPa {0.6 to 30 kgf/cm^2}{8.6 to 430 psi}{0.6 to 30 bar}
	B.	0.46 to 7 MPa {4.6 to 70 kgf/cm^2}{66 to 1000 psi}{4.6 to 70 bar}
Wetted parts material *1	**S**	[Diaphragm] JIS SUS316L / [Pipe] JIS SUS316 / [Others] JIS SUS316 *3
Flange rating	**J1**	JIS 10K
	J2	JIS 20K
	J4	JIS 40K
	A1.	ANSI Class 150
	A2.	ANSI Class 300
	D2.	DIN PN10/16
	D4.	DIN PN25/40
	P1.	JPI Class 150
	P2.	JPI Class 300
Diaphragm extension length (X_2)	**2**	X_2 = 50 mm
	4	X_2 = 100 mm
	6	X_2 = 150 mm
Process flange size / material ►	**D.**	3-inch (80 mm) / JIS S25C
	E.	3-inch (80 mm) / JIS SUS304 *4
	F.	3-inch (80 mm) / JIS SUS316 *5
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
—	**B.**	Always B
Capillary length (m) *2	☐☐.	Specify capillary length from 1 to 5 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 *6
►	**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

The "►" marks indicate the most typical selection for each specification. Example: EJA438N-DASA12DA-AB02-92NA/☐

*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: The specified capillary length includes the diaphragm extension length(X_2) and the flange thickness(t).

*3: JIS SUS316 or ASTM grade 316.

*4: JIS SUS304 or ASTM grade 304. Forged version may be used.

*5: JIS SUS316 or ASTM grade 316. Forged version may be used.

*6: Not applicable for Output signal code F and G.

■ OPTIONAL SPECIFICATIONS (For Explosion Protected type "◊")

For FOUNDATION Fieldbus explosion protected type, see GS 01C22T02-00EN.
For PROFIBUS PA explosion protected type, see GS 01C22T03-00EN.

Item	Description	Code
Factory Mutual (FM)	FM Explosionproof Approval *1 *3 *4 Applicable standard: FM3600, FM3615, FM3810, ANSI/NEMA250 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 *3 *4 Applicable standard: FM3600, FM3610, FM3611, FM3810, ANSI/NEMA250 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 *3 *4	**FU1**
Canadian Standards Association (CSA)	CSA Explosionproof Approval *1 *3 *4 Applicable standard: C22.2 No. 0, No. 0.4, No. 25, No. 30, No. 94, No. 142 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 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) 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 *3 *4 Applicable standard: C22.2 No. 0, No. 0.4, No. 25, No. 30, No. 94, No. 142, No. 157, No. 213 Certificate: 1053843 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 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 *3 *4	**CU1**

Item	Description		Code
IECEx	IECEx Intrinsically safe, type n and Flameproof Approval *3 *4 *9 Intrinsically safe and type n Applicable Standard: IEC 60079-0:2004, IEC 60079-11:1999, IEC 60079-15:2005, IEC 60079-26:2005 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, Ii=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 Applicable Standard: IEC 60079-0:2004, IEC60079-1:2003 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 *3 *5 *7 *8 *10 Certificate: TC15296 (Without integral indicator), TC15297 (With integral indicator) Amb. Temp.: –20 to 60°C, Process Temp.: –20 to 120°C		**JF3**
	TIIS Intrinsically safe Approval, Ex ia IIC T4 *6 *8 Certificate: TC14632 Amb. Temp.: –20 to 60°C, Process Temp.: –20 to 120°C		**JS3**
Attached flameproof packing adapter *5	Electrical connection: G1/2 female Applicable cable: O. D. 8 to 12 mm	1 pc.	**G11**
		2 pcs.	**G12**

*1: Applicable for Electrical connection code 2, 7 and C (1/2 NPT female).
*2: (Not used)
*3: Applicable for Output signal code D and E. For intrinsically safe approval, use the safety barrier certified by the testing laboratories (BARD-400 is not applicable).
*4: Lower limit of ambient temperature is –15°C (5°F) when /HE is specified.
*5: If cable wiring is to be used to a TIIS flameproof type transmitter, add the YOKOGAWA-assured flameproof packing adapter.
*6: Applicable for Output signal code D. See <Safety Barrier for TIIS Intrinsically Safe Type>.
*7: In case that the ambient temperature exceeds 50°C or that the ambient temperature exceeds 45°C with the process temperature of 90°C or above, use heat-resistant cables with maximum allowable temperature of 75°C or above.
*8: TIIS (The Technology Institution of Industrial Safety) Certification is a new notation for the explosionproof approval in Japan instead of JIS.
*9: Applicable for Electrical connection code 2, 4, 7, C and D (1/2 NPT and M20 female).
*10: Not applicable for Electrical connection code A, C and D.

■ OPTIONAL SPECIFICATIONS

Item		Description				Code
Painting *8	Color change	Amplifier cover only				P□
		Amplifier cover and terminal cover, Munsell 7.5 R4/14				PR
	Coating change	Epoxy resin-baked coating *9				X1
316 SST exterior parts		Exterior parts on the amplifier housing (name plates, tag plate, zero-adjustment screw, stopper screw) will become 316 SST *10				HC
Fluoro-rubber O-ring		All O-rings of amplifier housing. Lower limit of ambient temperature: –15°C (5°F) *11				HE
Lightning protector		Transmitter power supply voltage: 10.5 to 32 V DC (10.5 to 28 V DC for TIIS intrinsically safe type, 10.5 to 30 V DC for intrinsically safe type other than TIIS, or 9 to 32 V DC for Fieldbus communicaiton 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
No serration *1		No serration work on the flange gasket surface (for ANSI flange only)				Q
Teflon film		Diaphragm protection from sticky process fluid by FEP Teflon film attached with fluorinated oil. Operation range: 20 to 150°C, 0 to 2 MPa (Not applicable for vacuum service).				T
Operating temperature correction *2		Adjusting range : 80°C to Maximum temperature of specified fill fluid				R
Fast response *6		Update time: 0.125 sec Amplifier assembly damping time constant: 0.1 to 64 sec in 9 increments. Response time (with min. damping time constant): max. 0.3 sec (excluding diaphragm seal units)				F1
Failure alarm down-scale *3		Output status at CPU failure and hardware error is –5%, 3.2 mA or less.				C1
NAMUR NE43 compliant *3 *7		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 *4		Amplifier housing material: JIS SCS14A stainless steel (equivalent to JIS SUS316 cast stainless steel or ASTM CF-8M)				E1
Gold-plate		Inside of isolating diaphragms(fill fluid side) are gold plated, effective for hydrogen permeation. (applicable for Wetted parts material code S and H)				A1
Wired tag plate		Stainless steel tag plate wired onto transmitter				N4
Capillary without PVC sheaths		When ambient temperature exceeds 100°C, or use of PVC is prohibited				V
Calibration units *5		P calibration (psi unit)			(See Table 4.)	D1
		bar calibration (bar unit)				D3
		M calibration (kgf/cm^2 unit)				D4
Sealing treatment to JIS SUS630 nuts		Sealant(liquid silicone rubber) is coated on JIS SUS630 cover flange mounting nuts against stress corrosion cracking.				Y
Mill Certificate		Process flange, Block			For model EJA438W	M05
		Process flange, Block, Pipe, Base			For model EJA438N	M06
Pressure test/ Leak test Certificate *12		(Flange rating)	(Test pressure)	(Applicable model)		
	For A-capsule	JIS 10K	2 MPa {20 kgf/cm^2}	EJA438W/EJA438N	Nitrogen (N_2) Gas *13 Retention time: 10 minutes	T41
		JIS 20K	3 MPa {30 kgf/cm^2}			T42
		JIS 40K	3 MPa {30 kgf/cm^2}			T43
		JIS 63K	3 MPa {30 kgf/cm^2}	EJA438W		T45
		ANSI/JPI Class 150	3 MPa {29.8 kgf/cm^2}	EJA438W/EJA438N		T46
		ANSI/JPI Class 300	3 MPa {30 kgf/cm^2}			T47
		ANSI/JPI Class 600	3 MPa {30 kgf/cm^2}	EJA438W		T49
	For B-capsule	JIS 10K	2 MPa {20 kgf/cm^2}	EJA438W/EJA438N		T31
		JIS 20K	5 MPa {50 kgf/cm^2}			T32
		JIS 40K	10 MPa {100 kgf/cm^2}	EJA438W		T33
		JIS 40K	7 MPa {70 kgf/cm^2}	EJA438N		T34
		JIS 63K	14 MPa {140 kgf/cm^2}	EJA438W		T35
		ANSI/JPI Class 150	3 MPa {29.8 kgf/cm^2}	EJA438W/EJA438N		T36
		ANSI/JPI Class 300	7.7 MPa {77 kgf/cm^2}	EJA438W		T37
		ANSI/JPI Class 300	7 MPa {70 kgf/cm^2}	EJA438N		T38
		ANSI/JPI Class 600	14 MPa {140 kgf/cm^2}	EJA438W		T39

*1: This item cannot be applied to model EJA438W Wetted part material code H, T, or U, whose gasket contact surface are not serrated as standard specifications.
*2: Specify the process operating temperature for zero correction. Example: Zero correction by process temperature 90°C.
*3: Applicable for Output signal code D and E. The hardware error indicates faulty amplifier or capsule.
When combining with Option code F1, output status for down-scale is –2.5%, 3.6 mA DC or less.
*4: Applicable for Electrical connection code 2, 3, 4, A, C and D. Not applicable for Option code P□, X1, and JF3.
*5: The unit of MWP (Max. working pressure) on name plate of a housing is the same unit as specified by Option code D1, D3, and D4.
*6: Applicable for Output signal code D and E. Write protection switch is attached for Output code E. Not applicable for Integral indicator code E.
*7: Not applicable for Option code C1.
*8: Standard polyurethan painting can be used in acid atmosphere, whereas the epoxy resin-baked coating (Option code X1) can be used in alkaline atmosphere. Anti-corrosion coating, the combination of polyurethan and epoxy resin-baked coating, is available by special order as sea water, alkaline, and acid resistant.
*9: Not applicable for color change option.
*10: 316 or 316L SST. The specification is included in option code /E1. Not applicable with option code /JF3.
*11: Not applicable with option code /JF3.
*12: The unit on the certificate is always MPa regardless of selection of option code D1, D3, or D4.
*13: Pure nitrogen gas is used for oil-prohibited use (Option code K1 and K5).

Table 4. Calibration Units

	Measurement Span and Range		Optional Code		
			D1 (psi Unit)	D3 (bar Unit)	D4 (kgf/cm^2 Unit)
EJA438W	A	Span	8.6 to 430 psi	0.6 to 30 mbar	0.6 to 30 kgf/cm^2
		Range	-15 to 430 psi	-1 to 30 mbar	-1 to 30 kgf/cm^2
	B	Span	66 to 2000 psi	4.6 to 140 mbar	4.6 to 140 kgf/cm^2
		Range	-15 to 2000 psi	-1 to 140 mbar	-1 to 140 kgf/cm^2
EJA438N	A	Span	8.6 to 430 psi	0.6 to 30 mbar	0.6 to 30 kgf/cm^2
		Range	-15 to 430 psi	-1 to 30 mbar	-1 to 30 kgf/cm^2
	B	Span	66 to 1000 psi	4.6 to 70 mbar	4.6 to 70 kgf/cm^2
		Range	-15 to 1000 psi	-1 to 70 mbar	-1 to 70 kgf/cm^2