■ MODEL AND SUFFIX CODES

Model	Suffix Codes	Description
EJX510A	· ·	·Absolute pressure transmitter
EJX530A	· ·	·Gauge pressure transmitter
Output signal	**-D** ·	· 4 to 20 mA DC Output with digital communication (BRAIN protocol)
	-E ·	· 4 to 20 mA DC Output with digital communication (HART protocol)
	-F ·	· Digital communication (FOUNDATION Fieldbus protocol, refer to GS 01C25T02-01E)
Measurement span (Capsule)	**A** ·	·8 to 200 kPa (1.16 to 29 psi)
	B ·	·0.04 to 2 MPa (5.8 to 290 psi)
	C ·	·0.2 to 10 MPa (29 to 1450 psi)
	D ·	·1 to 50 MPa (145 to 7200 psi)
Wetted parts material *4		Process connection / Diaphragm
	S ·	·316L SST / Hastelloy C-276 *1
	H ·	·Hastelloy C-276 *1 / Hastelloy C-276 *1
Process connections	**4** ·	· 1/2 NPT female
	7 ·	· 1/2 NPT male
	8 ·	· G1/2 DIN 16 288 male *2
	9 ·	· M20×1.5 DIN 16 288 male *2
—	**N** ·	· Always N
—	**-0** ·	· Always 0
Amplifier housing	6 **1** ·	· Cast alluminum alloy
Electrical connection	**0** ·	G1/2 female, one electrical connection without blind plugs
	6 **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 with a blind plug
	7 ·	1/2 NPT female, two electrical connections with a blind plug
	9 ·	M20 female, two electrical connections with a blind plug
Integral indicator	**D** ·	Digital indicator
	E ·	Digital indicator with the range setting switch *3
	6 **N** ·	None
Mounting bracket	**F** ·	304 SST 2-inch pipe mounting
	6 **N** ·	None

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The "6" marks indicates the most typical selection for each specification. Example: EJX530A-DAS4N-012NN/☐.

*1: Hastelloy C-276 or ASTM N10276.

*2: Not applicable for combination of capsule code **D** and wetted parts material code **H**.

*3: Not applicable for output signal code **F**.

*4: ⚠ Users must consider the characteristics of selected wetted parts material and influence of process fluids. Specifying inappropriate materials has the potential to cause serious damage to human body and plant facilities resulted from an unexpected leak of the corrosive process fluids.

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

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 in Hazardous locations, indoors and outdoors (NEMA 4X) Temperature class: T6, Amb. Temp.: –40 to 60°C (–40 to 140°F)	**FF1**
	FM Intrinsically safe Approval *1*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, Class I, Zone 0, in Hazardous Locations, AEx ia IIC Nonincendive for Class I, Division 2, Groups A, B, C & D, Class II, Division. 2, Groups F & G, and Class III, Division 1, Class I, Zone 2, Group IIC, in Hazardous Locations Enclosure: "NEMA 4X", Temp. Class: T4, Amb. Temp.: –60 to 60°C (–75 to 140°F) Intrinsically Safe Apparatus Parameters [Groups A, B, C, D, E, F and G] Vmax=30 V, Imax=200 mA, Pmax=1 W, Ci=6 nF, Li=0 µH [Groups C, D, E, F and G] Vmax=30 V, Imax=225 mA, Pmax=1 W, Ci=6 nF, Li=0 µH	**FS1**
	Combined FF1 and FS1 *1*3	**FU1**
CENELEC ATEX	CENELEC ATEX (KEMA) Flameproof Approval *1 II 2G,1D EExd IIC T4, T5, T6 Amb. Temp. (Tamb) for gas-proof : T4 ; –50 to 75°C (–58 to 167°F), T5; –50 to 80°C (–58 to 176°F), T6; –50 to 70°C (–58 to 158°F) Max. process Temp.(Tp): T4; 120°C (248°F), T5; 100°C (212°F), T6; 85°C (185°F) Max. surface Temp. for dust-proof : T80°C (Tamb: –40 to 40°C, Tp:80°C), T100°C (Tamb: –40 to 60°C, Tp:100°C), T120°C (Tamb: –40 to 80°C, Tp:120°C) Type of protection : IP66 and IP67	**KF2**
	CENELEC ATEX (KEMA) Intrinsically safe Approval *1*3 II 1G, 1D EEx ia IIC T4 Amb. Temp.(Tamb) for gas-proof: –50 to 60°C (–58 to 140°F) Maximum Process Temp.(Tp) for gas-proof :120°C Electrical data : Ui=30 V, Ii=200 mA, Pi=0.9 W, Ci=10 nF, Li=0 mH Max. surface Temp. for dust-proof : T85°C (Tamb: –40 to 60°C, Tp:80°C), T100°C (Tamb: –40 to 60°C, Tp:100°C), T120°C (Tamb: –40 to 60°C, Tp:120°C) Type of protection : IP66 and IP67	**KS2**
	Combined KF2, KS2 and Type n *1*3 Type n: II 3G EEx nL IIC T4, Amb. Temp.: –50 to 60°C (–50 to 140°F) Ui=30 V DC, Ci=10 nF, Li=0 mH	**KU2**
Canadian Standards Association (CSA)	CSA Explosionproof Approval *2 [For CSA C22.2] Explosion-proof for Class I, Groups B, C and D. Dustignition-proof for Class II/III, Groups E, F and G. When installed in Division 2, "SEAL NOT REQUIRED" Enclosure: TYPE 4X, Temp. Code: T6...T4 [For CSA E60079] Flameproof for Zone 1, Ex d IIC T6...T4 Enclosure: IP66 and IP67 Max.Process Temp.: T4;120°C(248°F), T5;100°C(212 °F), T6; 85°C(185°F) Amb.Temp.:–50 to 75°C(–58 to 167°F) for T4, –50 to 80°C(–58 to 176°F) for T5, –50 to 70°C(–58 to 158°F) for T6	**CF1**
	CSA Intrinsically safe Approval *2*3 [For CSA C22.2] Intrinsically Safe for Class I, Division 1, Groups A, B, C & D, Class II, Division 1, Groups E, F & G, Class III, Division 1 Nonincendive for Class I, Division 2, Groups A, B, C & D, Class II, Division 2, Groups E, F & G, Class III, Division 1 Enclosure: Type 4X, Temp. Code: T4 Amb. Temp.:–50 to 60°C(–58 to 140°F) Electrical Parameters: [Intrinsically Safe] Vmax=30V, Imax=200mA, Pmax=0.9W, Ci=10nF, Li=0 [Nonincendive] Vmax=30V, Ci=10nF, Li=0 [For CSA E60079] Ex ia IIC T4, Ex nL IIC T4 Amb. Temp.:–50 to 60°C(–58 to 140°F), Max. Process Temp.: 120°C(248°F) Enclosure: IP66 and IP67 Electrical Parameters: [Ex ia] Ui=30V, Ii=200mA, Pi=0.9W, Ci=10nF, Li=0 [Ex nL] Ui=30V, Ci=10nF, Li=0	**CS1**
	Combined CF1 and CS1 *2*3	**CU1**

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*1: Applicable for electrical connection code **2**, **4**, **7**, and **9**.
*2: Applicable for electrical connection code **2** and **7**.
*3: Not applicable for output signal code-F and option code /**AL**.

■ OPTIONAL SPECIFICATIONS

Item		Description		Code
Painting	Color change	Amplifier cover only		P□
		Amplifier cover and terminal cover, Munsell 7.5 R4/14		PR
	Coating change	Anti-corrosion coating *1		X2
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 Applicable Standards: IEC 61000-4-4, IEC 61000-4-5		A
Status output *2		Transistor output (sink type) Rating: 10.5 to 30 V DC, 120 mA DC (max) Low level: 0 to 2 V DC		AL
Oil-prohibited use		Degrease cleansing treatment		K1
		Degrease cleansing treatment and with fluorinated oilfilled capsule. Operating temperature –20 to 80°C (–4 to 176°F)		K2
Capsule fill fluid		Fluorinated oil filled in capsule		K3
Calibration units *3		P calibration (psi unit)	(See Table for Span and Range Limits.)	D1
		bar calibration (bar unit)		D3
		M calibration (kgf/cm^2 unit)		D4
Output limits and failure operation *4		Failure alarm down-scale: Output status at CPU failure and hardware error is –5%, 3.2mA DC or less.		C1
		NAMUR NE43 Compliant Output signal limits: 3.8mA to 20.5 mA	Failure alarm down-scale: Output status at CPU failure and hardware error is –5%, 3.2mA DC or less.	C2
			Failure alarm up-scale: Output status at CPU failure and hardware error is 110%, 21.6 mA or more.	C3
Stainless steel tag plate		304 SST stainless steel tag plate wired onto transmitter		N4
Data configuration at factory *5		Data configuration for HART communication type	Software damping, Descriptor, Message	CA
		Data configuration for BRAIN communication type	Software damping	CB
Material certificate*6		Process Connector		M15
Pressure test /Leak test certificate*12		Test Pressure: 200 kPa (29 psi) *7	Nitrogen(N_2) Gas or Water *11 Retention time: one minute	T05
		Test Pressure: 2 MPa (290 psi) *8		T06
		Test Pressure: 10 MPa (1450 psi) *9		T07
		Test Pressure: 50 MPa (7200 psi) *10		T08

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*1: Not applicable with color change option.
*2: Check/External indicator terminals cannot be used when this option code is specified. Not applicable for output signal code **F**.
*3: The unit of MWP (Max. working pressure) on the name plate of a housing is the same unit as specified by option codes **D1**, **D3**, and **D4**.
*4: Applicable for output signal codes **D** and **E**. The hardware error indicates faulty amplifier or capsule.
*5: Also see 'Ordering Information'.
*6: Material traceability certification, per EN 10204 3.1 B.
*7: Applicable for capsule code **A**.
*8: Applicable for capsule code **B**.
*9: Applicable for capsule code **C**.
*10: Applicable for capsule code **D**.
*11: Pure nitrogen gas or pure water is used for oil-prohibited use (option codes **K1** and **K2**).
*12: The unit on the certificate is always kPa/MPa regardless of selection of option code **D1**, **D3** and **D4**.