

Drawings

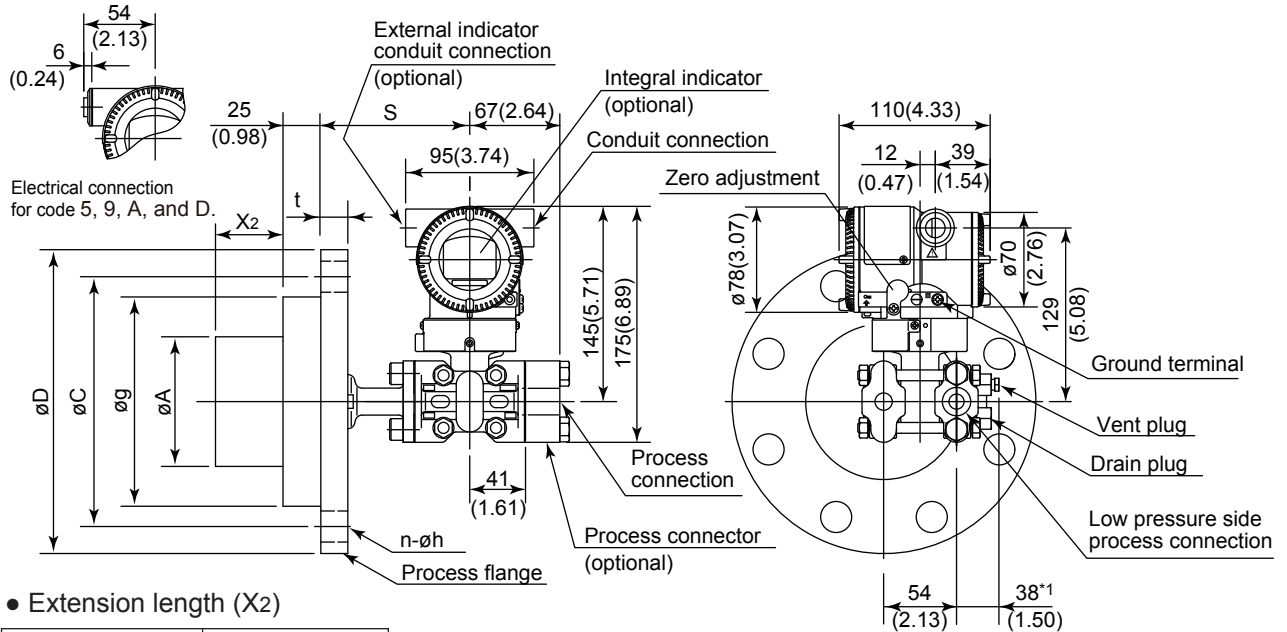
EJA210E
Flange Mounted
Differential Pressure Transmitter
(Extended type)

DPharp **EJA**

SD 01C31C02-01EN

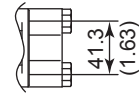
[Style: S1, S2]

Unit: mm (approx. inch)



Extension code	X2
1	50(1.97)
3	100(3.94)
5	150(5.91)

	Fill fluid code	S
General use	B, D and P	113(4.45)
High temperature use	A	143(5.63)



Process flange size: 4-inch (100mm)

Flange Rating	øD	øC	øg	øA	t	Bolt holes	
						No.(n)	Dia.(øh)
JIS 10K	210(8.27)	175(6.89)	155(6.10)	96±0.5(3.78)	18(0.71)	8	19(0.75)
JIS 20K	225(8.86)	185(7.28)	155(6.10)	96±0.5(3.78)	24(0.94)	8	23(0.91)
ANSI Class 150	228.6(9.00)	190.5(7.50)	155(6.10)	96±0.5(3.78)	23.9(0.94)	8	19.1(0.75)
ANSI Class 300	254(10.00)	200.2(7.88)	155(6.10)	96±0.5(3.78)	31.8(1.25)	8	22.4(0.88)
JPI Class 150	229(9.02)	190.5(7.50)	155(6.10)	96±0.5(3.78)	24(0.94)	8	19(0.75)
JPI Class 300	254(10.00)	200.2(7.88)	155(6.10)	96±0.5(3.78)	32(1.26)	8	22(0.87)
DIN PN 10/16	220(8.66)	180(7.09)	155(6.10)	96±0.5(3.78)	20(0.79)	8	18(0.71)
DIN PN 25/40	235(9.25)	190(7.48)	155(6.10)	96±0.5(3.78)	24(0.94)	8	22(0.87)

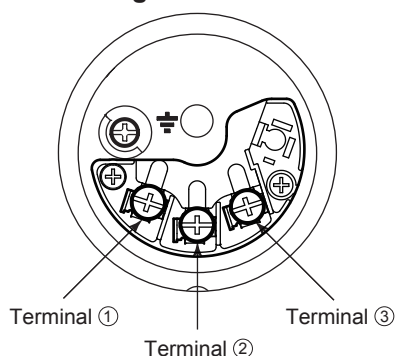
Process flange size: 3-inch (80mm)

Flange Rating	øD	øC	øg	øA	t	Bolt holes	
						No.(n)	Dia.(øh)
JIS 10K	185(7.28)	150(5.91)	130(5.12)	71±0.5(2.80)	18(0.71)	8	19(0.75)
JIS 20K	200(7.87)	160(6.30)	130(5.12)	71±0.5(2.80)	22(0.87)	8	23(0.91)
ANSI Class 150	190.5(7.50)	152.4(6.00)	130(5.12)	71±0.5(2.80)	23.9(0.94)	4	19.1(0.75)
ANSI Class 300	209.6(8.25)	168.1(6.62)	130(5.12)	71±0.5(2.80)	28.5(1.12)	8	22.4(0.88)
JPI Class 150	190(7.48)	152.4(6.00)	130(5.12)	71±0.5(2.80)	24(0.94)	4	19(0.75)
JPI Class 300	210(8.27)	168.1(6.62)	130(5.12)	71±0.5(2.80)	28.5(1.12)	8	22(0.87)
DIN PN 10/16	200(7.87)	160(6.30)	130(5.12)	71±0.5(2.80)	20(0.79)	8	18(0.71)
DIN PN 25/40	200(7.87)	160(6.30)	130(5.12)	71±0.5(2.80)	24(0.94)	8	18(0.71)

*1: When Option code K1, K2, K5, or K6 is selected, add 15 mm (0.59 inch) to the value in the flange.

*2: When electrical connection code 7 or C is selected, a blind plug is protruded up to 8 mm from the conduit connection.

- **Terminal Configuration**



- **Terminal Wiring for 4 to 20 mA output, FOUNDATION Fieldbus and PROFIBUS PA communication types**

SUPPLY	+	①	] Power supply and output terminals
	-	②	
CHECK	+	③	] External indicator (ammeter) terminals*1*2
	-	②	
		⏏	Ground terminal

*1: When using an external indicator or check meter, the internal resistance must be 10 Ω or less.

*2: Not available for FOUNDATION Fieldbus and PROFIBUS PA communication types.

- **Terminal Wiring for 1 to 5 V output**

SUPPLY	+	①	] Power supply terminals
	-	②	
VOUT	+	③	] 1 to 5 V DC with HART communication terminals
	-	②	
		⏏	Ground terminal

Three or four wire connection. For four wire connection, both supply and signal lines use SUPPLY - terminal.