

Chart recorder

Model: P930 series

Spec. sheet no. PD09-03

Service intended

P930 series pressure recorder provides a single or dual pen 200 mm circular chart recorder for measurement. It is suitable for hazardous environment such as gas or chemical process lines.

Nominal diameter

246 (W) X 271 mm (H)

Accuracy

±2.0 % of full scale

Scale range (MPa, kPa, bar)

Pressure : 0 ~ 5 kPa to 0 ~ 200 MPa

Working pressure

Steady pressure : 75 % of full scale

Over range protection : 130 % of full scale

Working temperature

Ambient : -20 ~ 100 °C

Fluid : Max. 200 °C



Standard features

Pressure connection

Stainless steel (316SS)

Element

Bourdon tube : Stainless steel (316SS)

Case and cover

ALDC 12.1

Hinged door

Window

Acrylic resin

Movement

Brass

Chart drive

1. Spring wound type : 30min, 1, 4, 12, 24 hours and 4, 7days
2. Battery type : 30 min, 96 min, 1, 2, 4, 6, 8, 12 hours and 1, 2, 7, 8, 14, 16, 31, 32 days selectable for portable type

Chart paper

200 mm circular

Mounting

Surface mounting and portable type

Process connection

3/8", 1/2" PT, NPT and PF

WISE

1. Base model

- P931** Chart recorder (Surface mounting, one pen type)
P932 Chart recorder (Surface mounting, two pen type)
P933 Chart recorder (Portable, one pen type)
P934 Chart recorder (Portable, two pen type)

2. Sensor type

- 8** Temperature and pressure
9 Pressure

3. Type of mounting

- B** Bottom entry and surface mounting plate

4. Accuracy

- 5** ±2.0 % of full scale

5. Process connection

- D** 3/8"
E 1/2"

6. Connection type

- B** PF
C PT
D NPT

7. Unit

- H** bar
I MPa
J kPa
Z Other

8. Range

- XXX** Refer to pressure range table

9. Pressure connection material

- 3** 316SS

10. Option

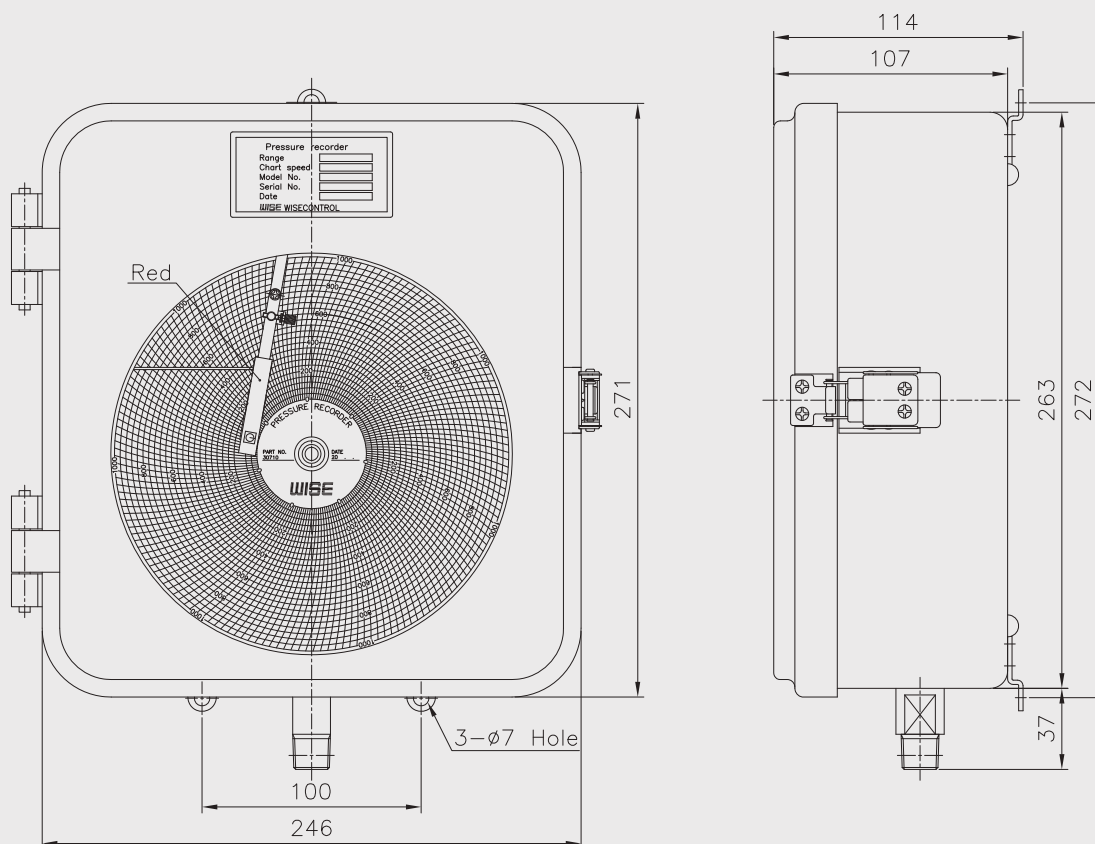
- 0** None
1 Accessories
2 Temperature sensor

Sample ordering code

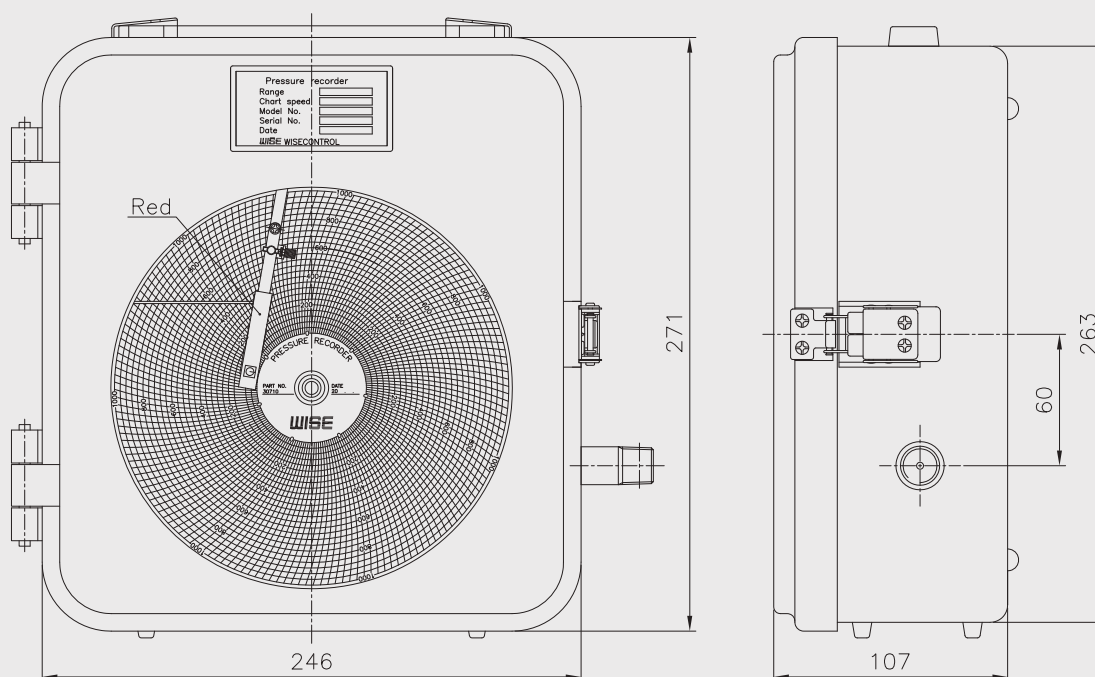
1	2	3	4	5	6	7	8	9	10
P931	8	B	5	D	B	H	XXX	3	0

P93X : Type of mounting (1/3)

Code P931

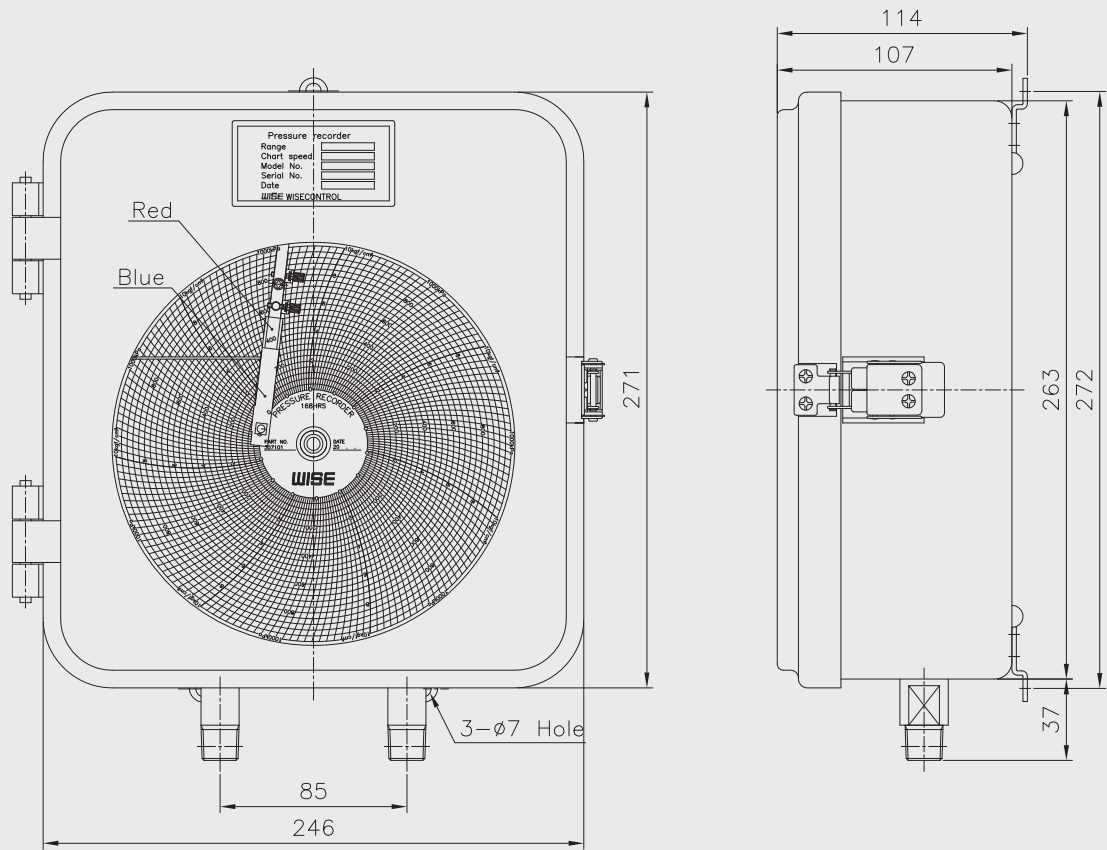


Code 933 (Portable type)

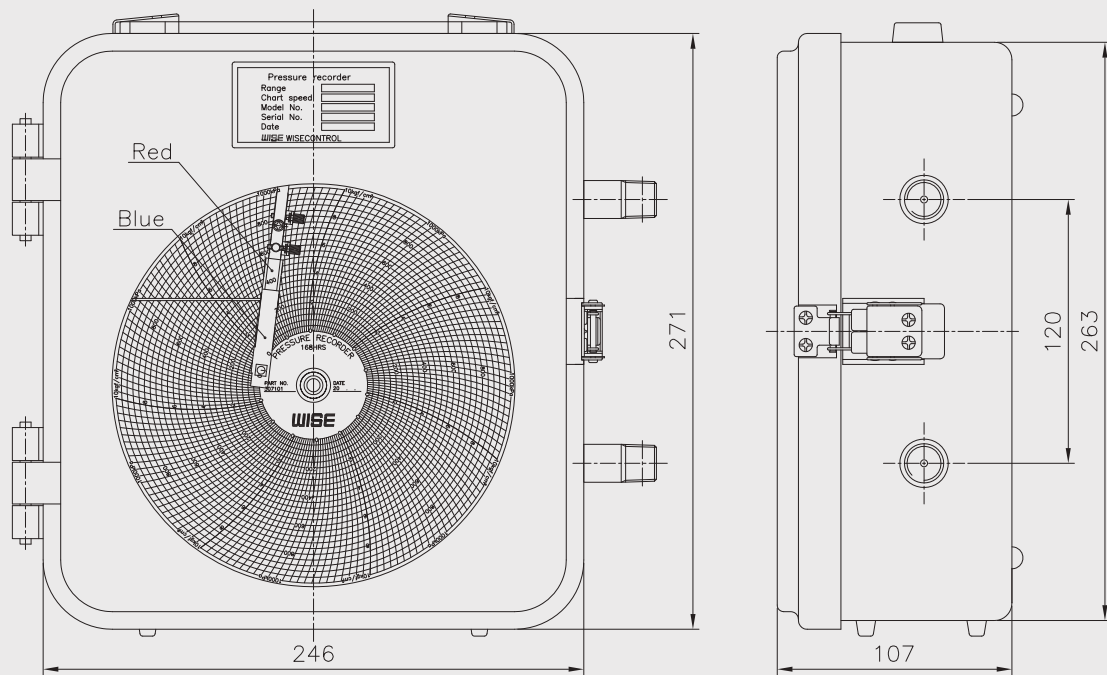


P93X : Type of mounting (2/3)

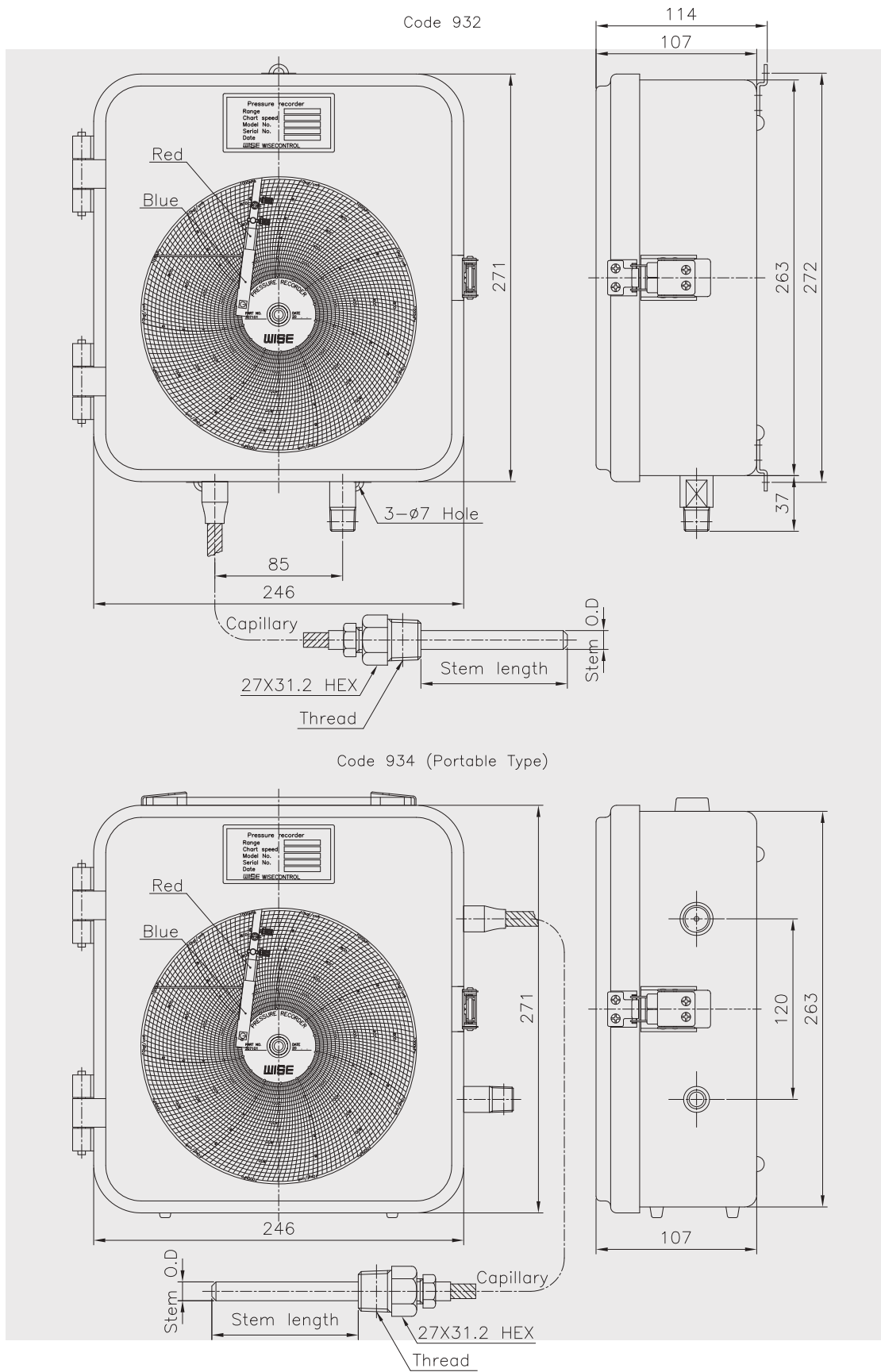
Code 932



Code 934 (Portable type)



P93X : Type of mounting (3/3)



Pressure range table

Scale	P931	P932	P933	P934	Order code
0 ~ 0.1 MPa	O	Refer to under table	O	Refer to under table	041
0 ~ 0.2 MPa	O		O		042
0 ~ 0.5 MPa	O		O		136
0 ~ 1 MPa	O		O		047
0 ~ 1.5 MPa	O		O		050
0 ~ 2 MPa	O		O		051
0 ~ 2.5 MPa	O		O		052
0 ~ 3.5 MPa	O		O		054
0 ~ 5 MPa	O		O		055
0 ~ 7 MPa	O		O		057
0 ~ 10 MPa	O		O		058
0 ~ 15 MPa	O		O		059
0 ~ 16 MPa	O		O		060
0 ~ 25 MPa	O		O		062
0 ~ 35 MPa	O		O		064
0 ~ 40 MPa	O		O		065
0 ~ 50 MPa	O		O		066
0 ~ 60 MPa	O		O		067
0 ~ 70 MPa	O		O		068
0 ~ 100 MPa	O		O		070
0 ~ 160 MPa	O		O		074
0 ~ 200 MPa	O		O		075

O : Available X : Not available

Ordering pen

Pen description	Order code	Pen description	Order code
Red color (short pen)	3069040070	Blue color (Long pen)	3069040090

Ordering clock

Clock description	Order code	Clock description	Order code
168 (7 days) hours (P931, P932)	3102040020	Portable (Battery) type (P933.P934)	3102040030