

EXPLOSION PROOF TYPE INDICATING PRESSURE SWITCH MODEL : P990 SERIES

WISE®

SERVICE INTENDED

P990 series explosion proof type indicating Pressure Switch are micro contact type, suitable for corrosive fluid and high pressure measurement. Deadband is fixed.

NOMINAL DIAMETER

125mm

REPEATABILITY

±1.0% of Adjustable Range

ADJUSTABLE RANGE (MPa, bar)

-0.1~0 to -0.1~2.5MPa and
0~0.1 to 0~40 MPa

ACCURACY

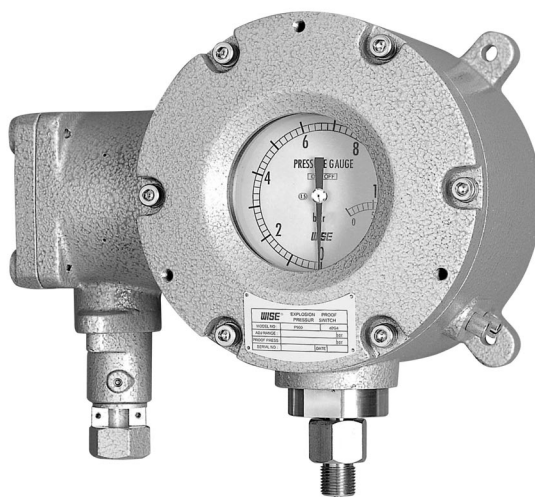
Indicator : ±1.5% of F.S
Switch Setting : ±3% of F.S

SWITCH DIFFERENTIAL

Fixed, Less than 6 ~15% of F.S

WORKING TEMPERATURE

Ambient : -20 ~ 60°C
Fluid : -20 ~ 80°C



Standard Features

PRESSURE CONNECTION

316SS

ELEMENT

C Type Bourdon Tube,
316SS

CASE & COVER

AC7A-F, Silver Gray Painted

CONTACT

Micro Contact Type
One SPDT or Two SPDT
One DPDT

CONTACT RATING

-AC 125V/250V, 15A and DC 30V, 2A
DC 125V, 0.5A for Resistance Load
-AC 125V/250V, 15A and DC 30V, 1A
DC 125V, 0.05A for Inductive Load

ENCLOSURE CLASS

Exd IIC T6

PROCESS CONNECTION

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

CONDUIT CONNECTION

3/4" PF. F

ORDERING INFORMATION

BASE MODEL

P990 : EXPLOSION PROOF TYPE INDICATING PRESSURE SWITCH

NOMINAL DIAMETER

5 : 125mm

MOUNTING

B : Bottom Connection, Surface, Case Mounting Plate

ALARM TYPE

- 1 : High
- 2 : Low
- 3 : High & Low
- 4 : High & H/High
- 5 : Low & L/Low

PROCESS CONNECTION

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

CONNECTION TYPE

- B : PF
- C : PT
- D : NPT

UNIT

- I : MPa
- H : bar

RANGE

Refer to Pressure Range Table

DIAL COLOR

- 3 : 2 Colors
- 7 : 3 Colors, Available with Compound and Vacuum gauges

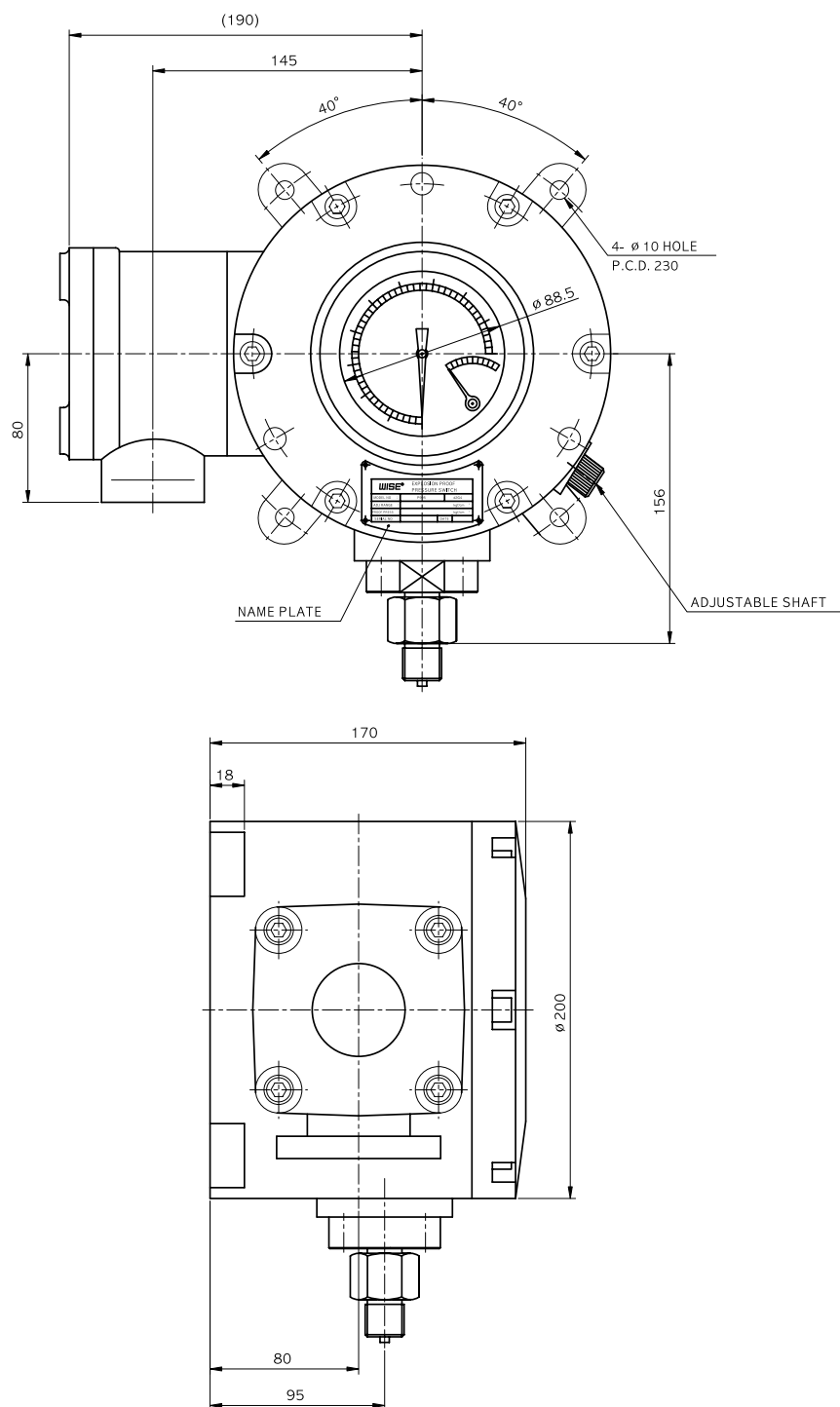
OPTIONS

- 0 : None
- 1 : Accessories

P990	5	B	1	E	C	I	041	3	0	SAMPLE MODEL NUMBER
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P990 : TYPE OF MOUNTING

CODE B



PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE		MODEL NO.	
	H : bar	I : MPa	P995	P996
026	-1	-0,1	○	○
040	0,5	0,05	○	○
041	1	0,1	○	○
133	1,6	0,16	○	○
042	2	0,2	○	○
134	2,5	0,25	○	○
043	3	0,3	○	○
044	4	0,4	○	○
045	6	0,6	○	○
047	10	1	○	○
050	15	1,5	○	○
143	16	1,6	○	○
051	20	2	○	○
052	25	2,5	○	○
054	35	3,5	○	○
151	40	4	○	○
055	50	5	○	○
056	60	6	○	○
057	70	7	○	○
058	100	10	○	○
059	150	15	○	○
060	160	16	○	○
062	250	25	○	○
064	350	35	○	○
065	400	40	○	○
027	+1	+0,1	○	○
127	-1~1,6	-0,1~0,16	○	○
028	-1~2	-0,1~0,2	○	○
129	-1~2,5	-0,1~0,25	○	○
029	-1~3	-0,1~0,3	○	○
030	-1~4	-0,1~0,4	○	○
010	-1~5	-0,1~0,5	○	○
031	-1~6	-0,1~0,6	○	○
014	-1~9	-0,1~0,9	○	○
032	-1~10	-0,1~1	○	○
033	-1~15	-0,1~1,5	○	○
034	-1~20	-0,1~2	○	○
035	-1~25	-0,1~2,5	○	○

○ : AVAILABLE × : NOT AVAILABLE