

PRESSURE SWITCH WEATHER PROOF TYPE MODEL : P940 SERIES

WISE[®]

SERVICE INTENDED

The P940 Series Pressure Switch are micro contact type Pressure Switch suitable for corrosive fluid and high pressure measurement Dead band is fixed.

DIMENSIONS

Refer to Dimension Drawing

REPEATABILITY

±1.0% of Adjustable Range

ADJUSTABLE RANGE (MPa, bar)

-0.1 ~ 0 to 0.1 ~ 2.5MPa

0 ~ 0.1 to 0 ~ 35MPa

DEAD BAND

One SPDT : 5~6% of Full Scale

Two SPDT : 12% of Full Scale

WORKING TEMPERATURE

Ambient : -20 ~ 60°C

Fluid : -20 ~ 80°C



Standard Features

PRESSURE CONNECTION

Stainless Steel (316SS)

ELEMENT

C Type Bourdon Tube, Stainless Steel (316SS)

CASE & COVER

ALDC

Silver gray painted

CONTACT

Micro Contact Type

One SPDT or Two SPDT

One DPDT

CONTACT RATING

-AC 125V/250V, 15A

DC 125V, 0.5A for Resistance Load

-AC125V/250V, 15A

DC 125V, 0.05A for Inductive Load

CONDUIT CONNECTION

1/2" PF (Single Set point)

3/4" PF (Dual Set point)

PROCESS CONNECTION

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

ORDERING INFORMATION

BASE MODEL

P941 : WEATHER PROOF TYPE PRESSURE SWITCH(SINGLE SET POINT)

P942 : WEATHER PROOF TYPE PRESSURE SWITCH(DUAL SET POINT)

UNUSED CHARACTER

9B3

PROCESS CONNECTION

D : 3/8"

E : 1/2"

CONNECTION TYPE

B : PF

C : PT

D : NPT

MEASURING UNIT

Refer to Pressure Unit & Range Table

RANGE

Refer to Pressure Unit & Range Table

PRESSURE CONNECTION MAT'L

3 : 316SS

OPTIONS

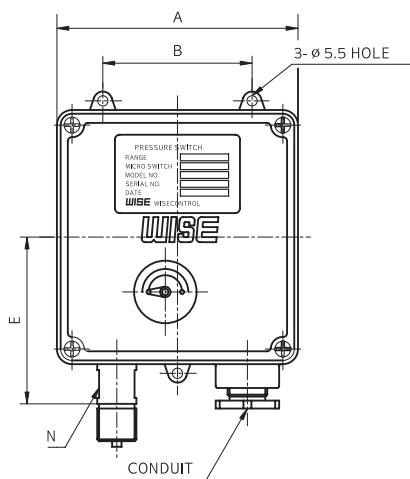
0 : None

1 : Accessories

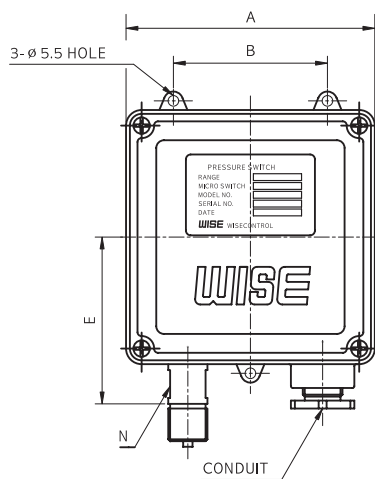
P941	9B3	D	B	B	041	3	0	SAMPLE MODEL NUMBER
------	-----	---	---	---	-----	---	---	---------------------

P940 : TYPE OF MOUNTING

CODE P941



CODE P942



Dimensions (mm)

AVAILABLE CODE	A	B	C	D	E	F	N
P941	129.2	80	146	62.5	80	23.5	17(14)
P942	129.2	80	146	92	84.5	23.5	17(14)

PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE		MODEL NO.	
	H : bar	I : MPa	P941	P942
026	-1~0	-0,1~0	○	○
041	0~1	0~0,1	○	○
042	0~2	0~0,2	○	○
043	0~3	0~0,3	○	○
044	0~4	0~0,4	○	○
045	0~6	0~0,6	○	○
047	0~10	0~1	○	○
050	0~15	0~1,5	○	○
051	0~20	0~2	○	○
052	0~25	0~2,5	○	○
054	0~35	0~3,5	○	○
055	0~50	0~5	○	○
057	0~70	0~7	○	○
058	0~100	0~10	○	○
059	0~150	0~15	○	○
062	0~250	0~25	○	○
064	0~350	0~35	○	○
027	-1~1	-0,1~0,1	○	○
028	-1~2	-0,1~0,2	○	○
029	-1~3	-0,1~0,3	○	○
030	-1~4	-0,1~0,4	○	○
031	-1~6	-0,1~0,6	○	○
032	-1~10	-0,1~1	○	○
033	-1~15	-0,1~1,5	○	○
034	-1~20	-0,1~2	○	○

○ : AVAILABLE × : NOT AVAILABLE