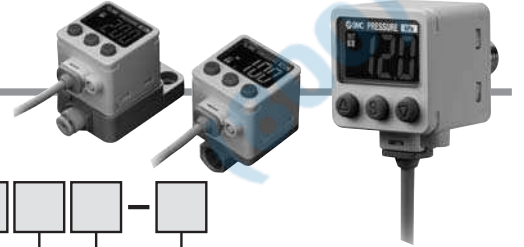


# 2-Color Display High Precision Digital Pressure Switch



# Series ZSE40A(F)/ISE40A



## How to Order

Rated pressure range	
ISE40A	-14.5 to 145.0 psi

For positive pressure

ISE40A - 01 - X - P [ ] [ ] - [ ]

For vacuum/compound pressure

ZSE40A - 01 - Y - P [ ] [ ] - [ ]

Rated pressure range	
ZSE40A	0.00 to -14.69 psi
ZSE40AF	-14.50 to 14.50 psi

Piping specifications

01	R1/8 (With M5 female thread)		R1/8, NPT1/8 M5 x 0.8
N01	NPT1/8 (With M5 female thread)		
W1	Rc1/8		Rc1/8, G1/8
WF1*	G1/8		Rc1/8, G1/8
M5*	M5 x 0.8 (Female thread)		M5 x 0.8
C4*	ø4 one-touch fitting		
C6*	ø6 one-touch fitting		ø4, ø6 one-touch fitting

\* Made to Order

Combination of piping specifications with option 1 and part numbers of options

Description	Option 1		Piping						
	Symbol	Part no.	01	N01	W1	WF1	M5	C4	C6
Bracket A	A	ZS-24-A	○	○	○	○	×	×	×
Bracket B	B	ZS-24-B	×	×	○	○	×	×	×
Bracket D	D	ZS-24-D	○	○	○	○	×	×	×
Panel mount adapter	E	ZS-35-C	○	○	×	×	×	×	×
		ZS-35-D	×	×	○	○	○	○	○
Panel mount adapter + Front protective cover	F	ZS-35-F	○	○	×	×	×	×	×
		ZS-35-G	×	×	○	○	○	○	○

## Output specifications

R	NPN open collector 2 outputs + Analog voltage/Auto-shift switching
T	PNP open collector 2 outputs + Analog voltage/Auto-shift switching
S	NPN open collector 2 outputs + Analog current/Auto-shift switching
V	PNP open collector 2 outputs + Analog current/Auto-shift switching
X	NPN open collector 2 outputs + Copy function
Y	PNP open collector 2 outputs + Copy function

When optional parts are required separately, use the following part numbers to place an order.

Part no.	Option
ZS-24-A	Bracket A With 2 mounting screws of each M3 x 5L, M4 x 5L
ZS-24-B	Bracket B With 2 mounting screws M4 x 5L
ZS-24-D	Bracket D With 2 mounting screws of each M3 x 5L, M4 x 5L
ZS-35-C	Panel mount adapter (Piping: For 01/N01)
ZS-35-D	Panel mount adapter (Piping: For W1/WF1/M5/C4/C6)
ZS-35-F	Panel mount adapter + Front protective cover (Piping: For 01/N01)
ZS-35-G	Panel mount adapter + Front protective cover (Piping: For W1/WF1/M5/C4/C6)

## Unit specifications

Nil	With unit switching function <sup>Note 1)</sup>
M	Fixed SI unit <sup>Note 2)</sup>
P	With unit switching function <sup>Note 1)</sup> (Initial value psi)

Note 1) Under the New Measurement Law, sales of switches with the unit switching function are not allowed for use in Japan.

Note 2) Fixed unit:  
For vacuum/compound pressure: kPa  
For positive pressure: MPa

## Option 2

Symbol	Calibration certificate
Nil	—
K	○

## Made to Order

Symbol	Specifications/Description
X501	Lead wire length 3 m
X531	M12 4-pin pre-wired connector (Lead wire length 100 mm)

## Option 1\*

Nil	None
A	Bracket A 
B	Bracket B 
D	Bracket D 
E	Panel mount adapter 01/N01  W1/WF1/M5/C4/C6
F	Panel mount adapter + Front protective cover 01/N01  W1/WF1/M5/C4/C6

\* Some options are unavailable depending on the piping specifications. Refer to "Combination of piping specifications with option 1 and part numbers of options".