

## Model Indication and how to order

PSE550 - **28** - **A** **C2**

Output specification

Symbol	Content
Nil	Voltage output type (1 to 5 V)
28	Current output type (4 to 20 mA)

Option 1

Symbol	Content
Nil	No option
A	Bracket

Option 2

Symbol	Content
Nil	No option
C2	Connector for pressure sensor controller (1 pc.)

\*: Current-output type cannot be connected to the PSE200 series.

### ○Option

Description	Part number	Remarks
Bracket	ZS-30-A	With M3x5 L (2 pcs.)
Connector for pressure sensor controller	ZS-28-C	1 pc.

### ■Definition and terminology

	Terms	Meaning
F	F.S. (full span/full scale)	Abbreviation for full span and full scale; means the maximum fluctuation range of the Pressure switch rated value. For example, when the output voltage is 1 to 5[V], the F.S. will be $5-1=4[V]$ . (Reference: $1\%F.S. = 4 \times 0.01 = 0.04[V]$ )
O	Output impedance	The resistance value of a component between the voltage outputting element and the output line at the output of the analog voltage output. It is indicated as a resistance value which is converted in accordance with the condition in which resistance is directly connected to the voltage output element. There may be an error in the output voltage depending on this output impedance and the input impedance of customers' equipment. (Example: If the Pressure switch with output impedance of $1k\Omega$ is connected to the A/D converter to detect the analog output of 5 V, the detected voltage by the A/D converter becomes $5(V) \times 1(M\Omega)/(1(k\Omega) + 1(M\Omega)) = 4.995(V)$ , and there is an error of approximate 0.005 V.)
R	Rated pressure range	The pressure range in which the Pressure switch satisfies the specifications. Values over this range can be set if they are within the set pressure range, but cannot assured the specifications to be satisfied.
	Repeatability	Reproducibility of the displayed value for pressure and ON-OFF output operating point when the pressure changes at a temperature of 25 °C.
	Ripple	A type of chattering.