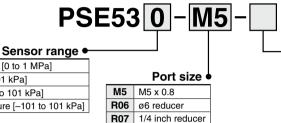
Pressure Sensor PSE530 Series

How to Order

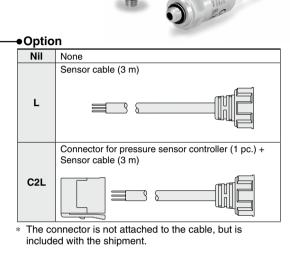


0 Positive pressure [0 to 1 MPa] 1 Vacuum [0 to -101 kPa] Low pressure [0 to 101 kPa] 2 Compound pressure [-101 to 101 kPa] 3

Options/Part Nos.

When only optional parts are required, order with the part numbers listed below.
--

Description	Part no.	Note
Connector for pressure sensor controller	ZS-28-C	1 pc. per set
Sensor cable	ZS-26-F	Cable length: 3 m
Connector for pressure sensor controller + Sensor cable	ZS-26-J	Cable length: 3 m The connector is not attached to the cable at the time of shipment.



Specifications

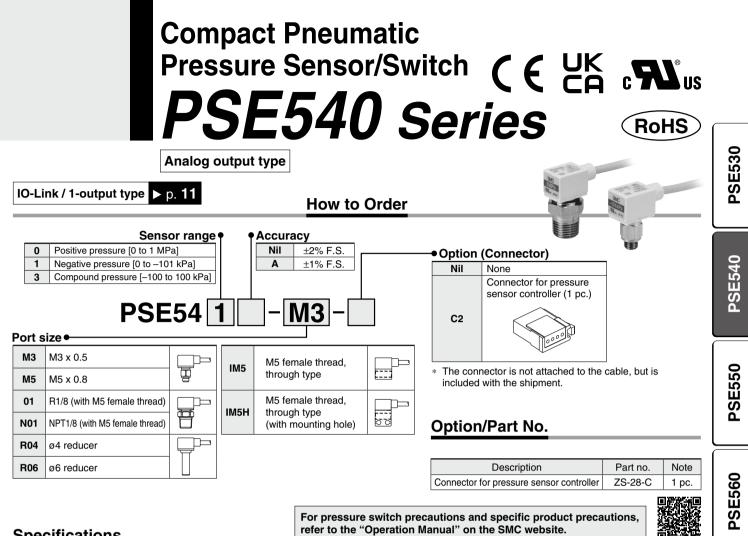
For pressure switch precautions and specific product precautions, refer to the "Operation Manual" on the SMC website.

Model		PSE530 (Positive pressure)	PSE531 (Vacuum)	PSE532 (Low pressure)	PSE533 (Compound pressure)		
Rated pressure range		0 to 1 MPa	0 to -101 kPa	0 to 101 kPa	-101 to 101 kPa		
Extensi	ion analog output range	-0.1 to 0 MPa	10.1 to 0 kPa	-10.1 to 0 kPa	_		
Proof p	oressure	1.5 MPa		500 kPa			
Applicable fluid Air/Non-corrosive gas/Non-flammable gas							
Power	supply voltage	12 to 24 VI	DC ±10%, Ripple (p-p) 10% or	less (with reverse connection	protection)		
Curren	t consumption		15 mA or less	(with no load)			
Output	specifications	Analog output 1 to 5 V (within rate	ed pressure range), 0.6 to 1 V (with	in extension analog output range),	Output impedance: Approx. 1 k $\!\Omega$		
Accuracy	Accuracy (Ambient temperature at 25°C) ±2% F.S. (within rated pressure range), ±5% F.S. (within extension analog output range)				output range)		
Lineari	arity ±1% F.S.						
Repeat	tability		±1%	F.S.			
Power	supply voltage effect	\pm 1% F.S. based on the analog output at 18 V ranging from 12 to 24 VDC					
ent	Enclosure	IP40					
Ĕ	Temperature range	Operating: 0 to 50°C; Stored: -10 to 70°C (No freezing or condensation)					
Environment	Withstand voltage	1000 VAC (in 50/60 Hz) for 1 min between terminals and housing					
Insulation resistance 5 MΩ or more (500 VDC measured via megohmmeter) between terminals and housing					and housing		
Tempe	rature characteristics	±2% F.S. (25°C reference)					
Sensor	r cable/Option	Halogen-free heavy-duty cable, 3 cores, ø2.7, 3 m, Conductor area: 0.15 mm ² , Insulator O.D.: 0.8 mm					
Standa	ards		CE/UKCA marking				

Piping Specifications

Part no.		M5	R06	R07			
Port size		M5 x 0.8 male thread	ø6 reducer type	1/4 inch reducer type			
Materia	als of parts in contact		Pressure sensor: Silicon, O-ring: NBR				
with flu	lid	Body: Stainless steel 304	Body: PBT				
Waight	With sensor cable (3 m)	41 g	38 g				
Weight	Without sensor cable	7 g	3.8	3 g			

RoHS



Specifications

Model		PSE540	PSE541	PSE543		
Rate	d pressure range	0 to 1 MPa	0 to –101 kPa	-100 to 100 kPa		
Exte	nsion analog output range	-0.1 to 0 MPa	10.1 to 0 kPa	_		
Proc	of pressure	1.5 MPa	500	kPa		
App	licable fluid	A	ir/Non-corrosive gas/Non-flammable ga	IS		
Pow	er supply voltage	12 to 24 VDC ±10%,	Ripple (p-p) 10% or less (with reverse of	connection protection)		
Curr	ent consumption		15 mA or less			
Outp	out specifications	Analog output 1 to 5 V (within rated pressure	range), 0.6 to 1 V (within extension analog ou	tput range), Output impedance: Approx. 1 k Ω		
Асси	uracy (Ambient temperature	PSE54□: ±2% F.S. (within ra	ted pressure range), $\pm 5\%$ F.S. (within e	xtension analog output range)		
at 25	5°C)	PSE54 \Box A: ±1% F.S. (within rated pressure range), ±3% F.S. (within extension analog output range)				
Line	inearity ±0.7% F.S. or less ±0.4% F.S.					
Repe	eatability		±0.2% F.S.			
Pow	er supply voltage effect		±0.8% F.S.			
ŧ	Enclosure		IP40			
Environment	Operating temperature range	Operating: 0 to 5	50°C, Stored: -20 to 70°C (No freezing	or condensation)		
ő	Operating humidity range	Opera	ting/Stored: 35 to 85% RH (No condens	sation)		
Š	Withstand voltage	1000 VAC (ir	n 50/60 Hz) for 1 min between terminals	and housing		
Ш	Insulation resistance	50 M Ω or more (500 VDC measured via megohmmeter) between terminals and housing				
Tem	perature characteristics	±2% F.S. (25°C reference)				
Sens	sor cable	Oilproof heavy-duty vinyl cable (ellipse	e), 3 cores, 2.7 x 3.2, 3 m, Conductor a	rea: 0.15 mm ² , Insulator O.D.: 0.9 mm		
Stan	dards		CE/UKCA marking, UL/CSA (E216656)			

PSE570

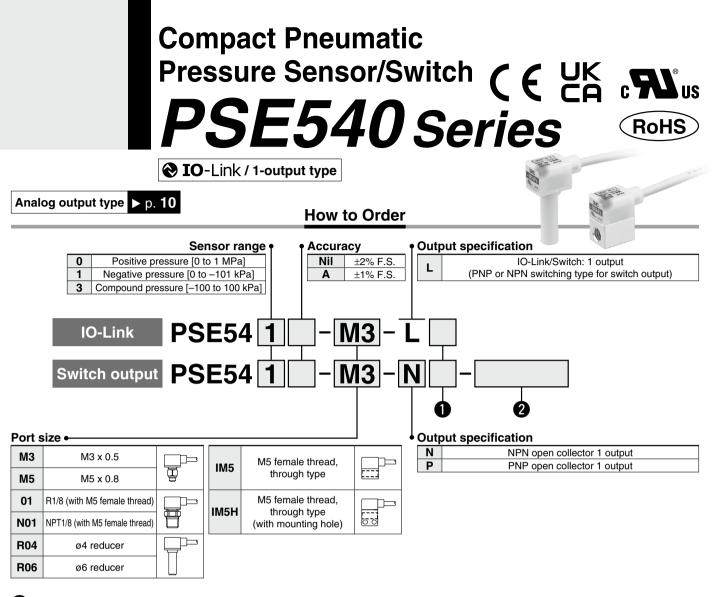
PSE200A

Digital Sensor Monitors

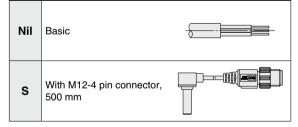
PSE300AC PSE300A

Piping Specifications

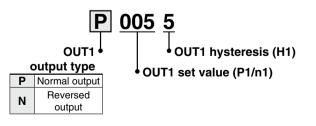
· · · · · · · · · · · · · · · · · · ·									
	Part no.	М3	M5	01	N01	R04	R06	IM5	IM5H
Port size		M3 x 0.5	M5 x 0.8	R1/8 M5 x 0.8	NPT1/8 M5 x 0.8	ø4 reducer	ø6 reducer	M5 female thread, through type	M5 female thread, through type (with mounting hole)
Material	Case	Resin ca Fitting: Stainl	ise: PBT ess steel 303	Resin ca Fitting: C	ase: PBT 3604BD	PBT		Resin case: PBT Fitting: A6063S-T5	
	Pressure sensing section			Pres	ssure sensor: S	Silicon, O-ring: NBR			
Weight	With sensor cable	42.4 g	42.7 g	49.	3 g	41.4 g	41.6 g	43.3 g	44.1 g
	Without sensor cable	2.9 g	3.2 g	9.	8 g	1.9 g	2.1 g	3.8 g	4.6 g



1 Lead wire termination



2 Set value (When output specification "N" or "P" is selected)

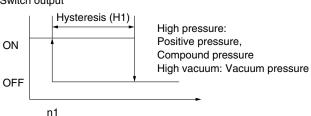


Normal output

Switch output Hysteresis (H1) High pressure: ON Positive pressure, Compound pressure High vacuum: Vacuum pressure OFF P1

Reversed output





Low Differential Pressure Sensor (E LA GUS **PSE550 Series** RoHS

How to Order

PSE550-Output specifications

 Nil
 Voltage output type 1 to 5 V

 28
 Current output type 4 to 20 mA

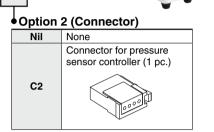
Note

With M3 x 5 L (2 pcs.)

1 pc.

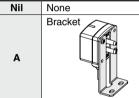
PSE550

-0.2 to 0 kPa



- * Not applicable to the PSE200 series.
- * The connector is not attached to the cable, but is included with the shipment.

Option 1 (Bracket)



0 to 2 kPa

-50 to 50 kPa*1

65 kPa

* The bracket is not attached to the product, but is included with the shipment.

PSE550-28

sensor controller

Connector for pressure

Bracket

For pressure switch precautions and specific product precautions, refer to the "Operation Manual" on the SMC website.

0
S
ш
S
^

PSE560

PSE530

PSE540

PSE550

PSE300AC PSE300A PSE200A

Proof pressure 05 kPa				
Appl	licable fluid	Air/Non-corrosive gas/Non-flammable gas		
Pow	er supply voltage	12 to 24 VDC ±10%, Ripple (p-p) 10% or	less (with reverse connection protection)	
Curr	ent consumption	15 mA or less	—	
Outp	out specifications	$\begin{array}{c} \mbox{Analog output: 1 to 5 VDC (within rated differential pressure range)} \\ 0.6 to 1 VDC (within extension analog output range) \\ \mbox{Output impedance: Approx. 1 } k\Omega \end{array}$	Analog output: 4 to 20 mA DC (within rated differential pressure range) Maximum load impedance: 500 Ω or less (at 24 VDC) 100 Ω or less (at 12 VDC)	
Accur	acy (Operating temperature at 25°C)	±1% F.S. (within rated differential pressure range)	, ±3% F.S. (within extension analog output range)	
Line	arity	±0.5%	6 F.S.	
Repe	eatability	±0.3%	6 F.S.	
Indic	ator light	Orange light is turned on. (When energized)		
'nt	Enclosure	IP40		
Environment	Operating temperature range	Operating: 0 to 50°C, Stored: -20 to 70°C (No freezing or condensation)		
- E	Operating humidity range	Operating/Stored: 35 to 85% RH (No condensation)		
Ī	Withstand voltage	1000 VAC (in 50/60 Hz) for 1 min between terminals and housing		
ш	Insulation resistance	50 M Ω or more (500 VDC measured via me	gohmmeter) between terminals and housing	
Tem	perature characteristics	±3% F.S. (25	°C reference)	
Port	size	ø4.8 (ø4.4 in the (Applicable to I.)	, , , , ,	
Mate	rials of parts in contact with fluid	Resin pipe: Nylon, Pisto	n area of sensor: Silicon	
Sensor cable		Oilproof heavy-duty vinyl cable (ellipse), 3 cores, ø2.6, 3 m Conductor area: 0.15 mm ² , Insulator O.D.: 0.9 mm	Oilproof heavy-duty vinyl cable (ellipse), 2 cores, ø2.6, 3 m Conductor area: 0.15 mm ² , Insulator O.D.: 0.9 mm	
Wei	With sensor cable	75	g	
Weig	Without sensor cable	35	ğ	
Stan	dards	CE/UKCA marking,	UL/CSA (E216656)	
		* · · · · · · · · · · · · · · · · · · ·		

*1 Can detect differential pressure from 0 to 2 kPa within the range of -50 to 50 kPa.

Specifications

Operating pressure range

Proof pressure

Model

Rated differential pressure range

Extension analog output range

Options/Part Nos.

Description

Part no.

ZS-30-A

ZS-28-C

Pressure Sensor for General Fluids (E CA CHS PSE560 Series RoHS

How to Order Option (Connector) Sensor range Positive pressure [0 to 1 MPa] Nil None Current output type cannot 0 be connected to the 1 Vacuum [0 to -101 kPa] Connector for pressure PSE200 series. sensor controller (1 pc.) Compound pressure [-100 to 100 kPa] 3 The connector is not Positive pressure [0 to 500 kPa] 4 attached to the cable, but is C2 included with the shipment. PSE56 0-01 **Options/Part Nos.** Port size • 01 R1/8 (with M5 female thread) R1/4 (with M5 female thread) Part no. 02 Description Material Note Output specifications C01 Rc1/8 ZS-28-C Connector for pressure sensor controller 1 pc. N01 NPT1/8 (with M5 female thread) Voltage output type Adapter with restrictor Rc1/4 ZS-31-X175 1 pc. Nil N02 NPT1/4 (with M5 female thread) 1 to 5 V Adapter with restrictor NPT1/4 ZS-31-X186 1 pc. Stainless steel 304 A2 URJ1/4 (Face seal fitting) Current output type ZS-31-X188 Adapter with restrictor Rc1/8 1 pc. 28 TSJ1/4 (Compression fitting) 4 to 20 mA B2 Adapter with restrictor NPT1/8 ZS-31-X189 1 pc.

Orifice M5

For pressure switch precautions and specific product precautions,

refer to the "Operation Manual" on the SMC website.

ZS-48-A

1 pc.

Stainless steel 303

Specifications

	Model	PSE560 (Positive pressure)	PSE561 (Vacuum)	PSE563 (Compound pressure)	PSE564 (Positive pressure)		
Rate	l pressure range	0 to 1 MPa	0 to -101 kPa	-100 to 100 kPa	0 to 500 kPa		
Extension analog output range		-0.1 to 0 MPa	10.1 to 0 kPa	_	-50 to 0 kPa		
Proo	f pressure	1.5 MPa	500 kPa	500 kPa	750 kPa		
	Model	PSE5	6□-□	PSE56□-□-28			
Appli	cable fluid	Lie	quid or gas that will not corro	de or attack stainless steel 31	6L		
Powe	er supply voltage	12 to 24 VD	C ±10%, Ripple (p-p) 10% of	r less (with reverse connectior	protection)		
Curre	ent consumption	10 mA	or less	-	_		
Output specifications		Analog output: 1 to 5 V (within ra 0.6 to 1 V (within Output impedance: Approx.	extension analog output range)	Analog output: 4 to 20 mA DC (within rated pressure range) Maximum load impedance: 500 Ω or less (at 24 VDC) 100 Ω or less (at 12 VDC)			
Accur	acy (Ambient temperature at 25°C)	\pm 1% F.S. (within rated pressure range), \pm 3% F.S. (within extension analog output range)					
Linea	rity		±0.5%	% F.S.			
Repe	atability		±0.29	% F.S.			
Powe	r supply voltage effect	±0.3% F.S.					
ŧ	Enclosure		IF	265			
Environment	Operating temperature range	Operatir	ng: -10 to 60°C, Stored: -20	to 70°C (No freezing or conde	nsation)		
l õ	Operating humidity range		Operating/Stored: 35 to 8	5% RH (No condensation)			
n vi	Withstand voltage	250 VAC for 1 min between terminals and housing					
ш	Insulation resistance	50 M Ω or mor	50 M Ω or more (50 VDC measured via megohmmeter) between terminals and housing				
Temp	erature characteristics	±2% F.S. (0 to 50°C: 25°C reference), ±3% F.S. (-10 to 60°C: 25°C reference)					
Sens	or cable	PSE56□-□: Oilproof heavy-duty vinyl cable with air tubing, 3 cores, ø5.1, 3 m, Conductor area: 0.2 mm ² , Insulator O.D.: 1.12 mm PSE56□-□-28: Oilproof heavy-duty vinyl cable with air tubing, 2 cores, ø5.1, 3 m, Conductor area: 0.2 mm ² , Insulator O.D.: 1.12 mm					
Stand	lards		CE/UKCA marking,	, UL/CSA (E216656)			

Piping Specifications

<u> </u>								
	Part no.	01	02	N01	N02	C01	A2	B2
Port size		R1/8	R1/4	NPT1/8	NPT1/4	Rc1/8	UBJ1/4	TSJ1/4
Port Size	8	M5 x 0.8	M5 x 0.8	M5 x 0.8	M5 x 0.8	nc1/o	UNJ 1/4	1531/4
Material		Case: C3604 + Nickel plating, Piping port/Pressure sensor: Stainless steel 316L, Grease-free					-free	
Weight	With sensor cable	193 g	200 g	194 g	201 g	187 g	203 g	193 g
weight	Without sensor cable	101 g	108 g	102 g	109 g	95 g	111 g	101 g

Pressure Sensor/Switch for General Fluids (EUK CHUS PSE570 Series RoHS Analog output type

IO-Link / 2-output type > p. 25

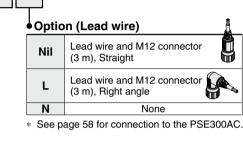
How to Order

01

	PSE57	
	Sensor range●	
0	Positive pressure [0 to 1 MPa]	
3	Compound pressure [-100 to 100 kPa]	
4	Positive pressure [0 to 500 kPa]	
5	Positive pressure [0 to 2 MPa]	
6	Positive pressure [0 to 5 MPa]	
7	Positive pressure [0 to 10 MPa]	

Options/Part Nos.

\searrow	Description	Part no.	Material	Note
1	Lead wire and M12 connector (3 m), Straight	ZS-37-A	—	1 pc.
2	Lead wire and M12 connector (3 m), Right angle	ZS-37-B	—	1 pc.
3	Assembly-type connector	PCA-1557743	—	1 pc.
4	Adapter with restrictor Rc1/4	ZS-31-X175	Stainless steel 304	1 pc.
(5)	Adapter with restrictor Rc1/8	ZS-31-X188	Oldii 11622 21661 204	1 pc.
6	Orifice M5	ZS-48-A	Stainless steel 303	1 pc.
7	1+3	ZS-37-A-X448	—	The lead wire and connector are shipped
8	2+3	ZS-37-B-X449	—	together. (Not assembled)
9	Connector for pressure sensor controller connection	ZS-28-CA-4	_	1 pc.



Output specification

For pressure switch precautions and specific product precautions,

NilVoltage output type 1 to 5 V28Current output type 4 to 20 mA

Port size

refer to the "Operation Manual" on the SMC website.

Cumbal	Dort oizo	Model							
Symbol	Port size	PSE570	PSE573	PSE574	PSE575	PSE576	PSE577		
01	R1/8 (with M5 female thread)				—	—	—		
02	R1/4 (with M5 female thread)								

Specifications

Model **PSE570 PSE573** PSE574 **PSE575** PSE576 PSE577 Fluid Applicable fluid Gas or liquid that will not corrode materials of parts in contact with fluid 0 to 1 MPa -100 to 100 kPa 0 to 10 MPa Rated pressure range 0 to 500 kPa 0 to 2 MPa 0 to 5 MPa Pressure 30 MPa 3.0 MPa Proof pressure 600 kPa 12.5 MPa 1.5 MPa 5.0 MPa Power supply voltage 12 to 24 VDC ±10% with 10% voltage ripple or less Current consumption Electrical 10 mA or less Protection Reverse connection protection ±1.0% F.S. ±2.5% F.S. Analog output accuracy (Ambient temperature at 25°C) Linearity ±0.5% F.S Accuracy Repeatability (Ambient temperature at 25°C) ±0.2% F.S. ±0.5% F.S. Temperature characteristics ±2% F.S. (0 to 50°C) ±3% F.S. (0 to 50°C) ±5% F.S. (-10 to 60°C) (25°C reference) 3% F.S. (-10 to 60°C) ±4% F.S. (-10 to 60°C) Enclosure IP65 Withstand voltage 500 VAC for 1 min between terminals and housing Insulation resistance 100 MΩ or more (500 VDC measured via megohmmeter) between terminals and housing Environment Operating temperature range Operating: -10 to 60°C, Stored: -20 to 70°C (No freezing or condensation) Operating humidity range Operating/Stored: 35 to 85% RH (No condensation) CE/UKCA marking, UL/CSA (E216656) Standards Piping port: C3604 + Nickel plating, Materials of parts Piping port: C3604 + Nickel plating, Pressure sensor: Al2O3 (Alumina 96%), Sensor seal: FKM in contact with fluid Pressure sensor: Al2O3 (Alumina 96%), Sensor seal: FKM + Grease Model PSE57 Output Voltage output: 1 to 5 V Current output: 4 to 20 mA Analog Maximum load impedance: 500 Ω or less (at 24 VDC) output Impedance Output impedance: Approx. 1 kΩ 100 Ω or less (at 12 VDC)

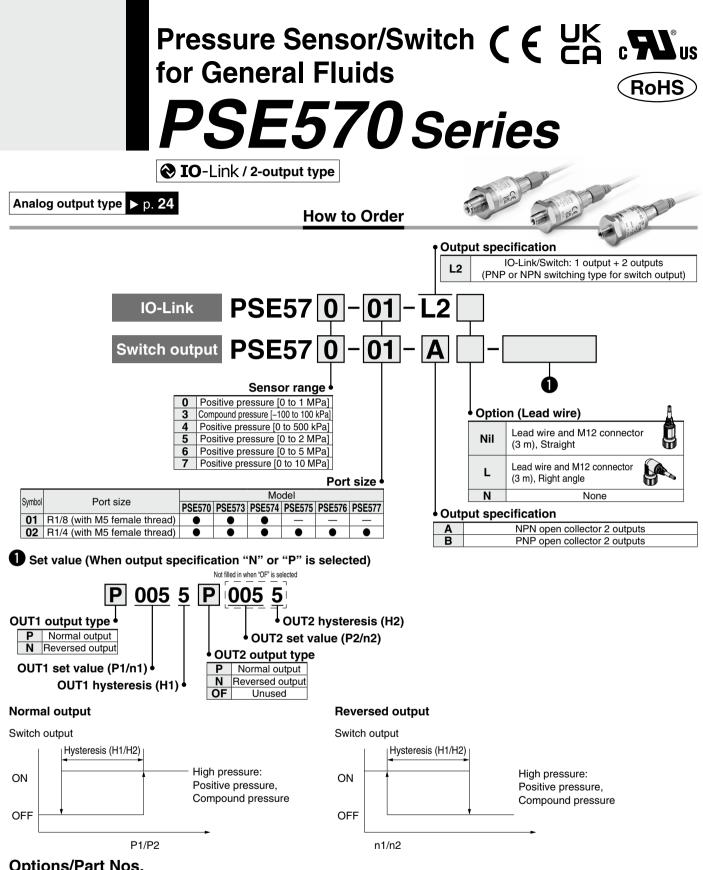
PSE530

PSE540

PSE550

PSE560

PSE570

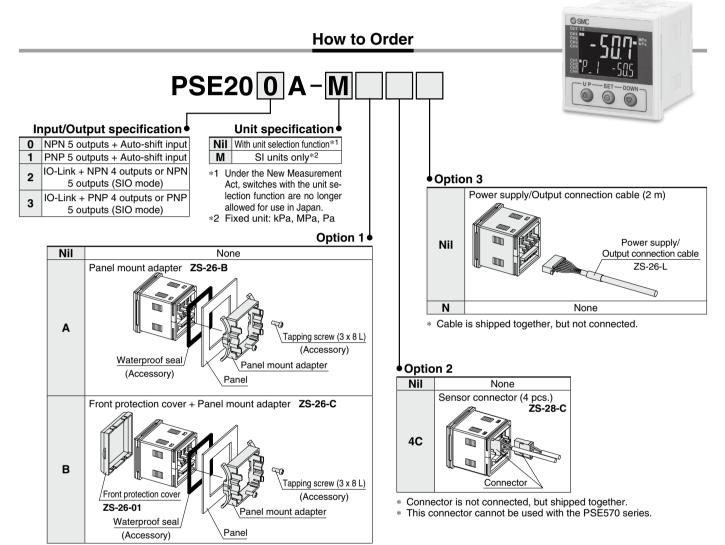


Options/Part Nos.

	Description	Part no.	Material	Note		Description	Part no.	Material	Note
	Lead wire and M12	ZS-37-A		1 no			EX9-AC005-SSPS	—	Length: 0.5 m, Straight
U	connector (3 m), Straight	23-37-A	_	1 pc.		Lead wire and M12	EX9-AC010-SSPS	—	Length: 1 m, Straight
(2)	Lead wire and M12	ZS-37-B		1 no	9	connector	EX9-AC020-SSPS	—	Length: 2 m, Straight
	connector (3 m), Right angle	Z3-37-D	_	1 pc.	l l a	(Connector on both sides)	EX9-AC030-SSPS	—	Length: 3 m, Straight
3	Assembly-type connector	PCA-1557743	_	1 pc.		(Connector on both sides)	EX9-AC050-SSPS	-	Length: 5 m, Straight
(4)	Adapter with restrictor Rc1/4	ZS-31-X175	Stainless	1 pc.			EX9-AC100-SSPS	—	Length: 10 m, Straight
(5)	Adapter with restrictor Rc1/8	ZS-31-X188	steel 304	1 pc.	10	Connector for pressure sensor	ZS-28-CA-4		1 no
6	Orifice M5	ZS-48-A	Stainless	1 no		controller connection	23-20-0A-4	-	1 pc.
0	Office M5	20-40-A	steel 303	1 pc.					
7	1+3	ZS-37-A-X448	_	The lead wire and connector are					
8	2+3	ZS-37-B-X449	—	shipped together. (Not assembled)					
-	it a la saludina udita an M40 au								

The lead wire with an M12 connector is not included with the product. Please order it separately.

3-Screen Display Multi-channel Digital Sensor Monitor (Є ЦК **PSE200A Series** Понз



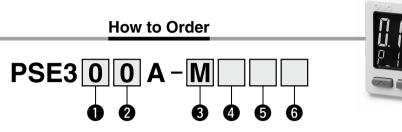
* Options are not assembled, but shipped together.

Options/Part Nos.

When only optional parts are required, order with the part numbers listed below.

Description	Part no.	Note	
Panel mount adapter	ZS-26-B	Waterproof seal, Tapping screw: Nominal size 3 x 8 L (2 pcs.) included	
Front protection cover + Panel mount adapter	ZS-26-C	Waterproof seal, Tapping screw: Nominal size 3 x 8 L (2 pcs.) included	
		48 conversion adapter	
□48 conversion adapter * This adapter is used to mount the PSE200A series on the panel fitting of the PSE100 series.	ZS-26-D	nel mount adapter separately.	
Front protection cover	ZS-26-01		
	ZS-28-C	For the PSE5	
Sensor connector (1 pc. per set)	ZS-28-CA-4	For PSE570 series	
Power supply with M12 connector/Output cable (Made to Order) * For use when using an M12 connector for IO-Link communication	ZS-26-LM12		

3-Screen Display Sensor Monitor PSE300A Series RoHS



Input specification

Symbol	Description
0	Voltage input
1	Current input

Output specification S

	-par epeemeanen	
Symbol	Description	Factory default settings
0	NPN/PNP open collector 2 outputs switching type +	NPN open collector 2 outputs + Analog voltage*1
3	Analog voltage/Auto-shift/Copy function switching type	PNP open collector 2 outputs + Analog voltage*1
1	NPN/PNP open collector 2 outputs switching type +	NPN open collector 2 outputs + Analog current*2
4	Analog current/Auto-shift/Copy function switching type	PNP open collector 2 outputs + Analog current*2
6	NPN/PNP open collector 2 outputs switching type + Copy function	NPN open collector 2 outputs + Copy function

*1, 2 Although the default output specifications differ, the output specifications are the same.

. . .

3 Unit specification

Symbol	Description
Nil	With unit selection function*1
М	SI units only*2

*1 Under the New Measurement Act, switches with the unit selection function are no longer allowed for use in Japan.

*2 Fixed unit: MPa, kPa, Pa

4 Option 1

Symbol	Description		
Nil	Without lead wire		
L	Lead wire with connector (2 m lead wire)	ZS-46-5L Power supply/output lead wire with connector	

6 Option 3

Symbol	I Description				
Nil	None				
с	Sensor connector	ZS-28-C Sensor connector			

* This connector cannot be used with the PSE570 series.

Options/Part Nos.

When only optional parts are required, order with the part numbers listed below.

······································		
Description	Part no.	Note
Bracket	ZS-46-A1	—
Panel mount adapter	ZS-46-B	—
Panel mount adapter + Front protection cover	ZS-46-D	—
Lead wire with connector	ZS-46-5L	5-core, 2 m
Front protection cover	ZS-27-01	—
Sensor connector (1 pc. per set)	ZS-28-C	For the PSE5 series (Excludes the PSE570 series)
Sensor connector (1 pc. per set)	ZS-28-CA-4	For the PSE570 series

Symbol		Description	
Ńil	None	•	09
А	Bracket	ZS-46-A1	PSE560
в	Panel mount adapter	ZS-46-B Panel	DSE570
		ZS-46-D Panel Front protection	DSF2004
-	Panel mount	protection cover	ors
D	adapter + Front protection cover	Panel mount adapter	Sensor Monitors

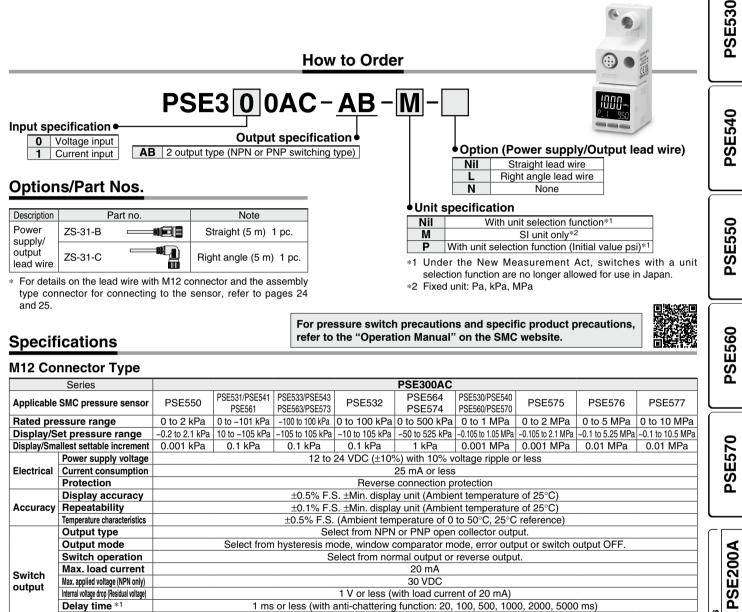
PSE200A PSE300AC PSE300A **Digital S**

PSE530

PSE540

PSE550

3-Screen Display Sensor Monitor (E CA **PSE300AC Series** (RoHS)



.	Max. load current	20 mA
Switch	Max. applied voltage (NPN only)	30 VDC
output	Internal voltage drop (Residual voltage)	1 V or less (with load current of 20 mA)
	Delay time *1	1 ms or less (with anti-chattering function: 20, 100, 500, 1000, 2000, 5000 ms)
	Hysteresis	Variable from 0*2
	Protection	Over current protection
	Input type	Voltage input: 1 to 5 VDC (Input impedance: 1 M Ω), Current input: 4 to 20 mA DC (Input impedance: 51 Ω)
Sensor	Number of inputs	1 input
input	Connection method	M12-4 pin connector
	Protection	Over voltage protection (up to a voltage of 26.4 VDC)
	Unit *3	MPa, kPa, Pa, kgf/cm², bar, mbar, psi, inHg, mmHg, mmH2O
	Display type	LCD
Display	Number of screens	3-screen display (Main screen, Sub screen x 2)
Dispiay	Display color	1) Main screen: Red/Green, 2) Sub screen: Orange
	Number of display digits	1) Main screen: 4-digit (7-segment), 2) Sub screen: 4-digit (Upper 1-digit 11-segment, 7-segment for other)
	Indicator light	Lights up when switch output is turned ON. OUT1/OUT2: Orange
Digital filt	er *4	0, 10, 50, 100, 500, 1000, 5000 ms
	Enclosure	IP65
	Withstand voltage	1000 VAC for 1 min between terminals and housing
Environment	Insulation resistance	50 M Ω or more (500 VDC measured via megohmmeter) between terminals and housing
	Operating temperature range	Operating: 0 to 50°C, Stored: -10 to 60°C (No freezing or condensation)
	Operating humidity range	Operating/Stored: 35 to 85% RH (No condensation)
Standards		CE/UKCA
Weight		55.4 g (without power supply or output lead wires)
1 Value without digital filter (at		0 ms) a around the set value, the hysteresis must be a cound the set value, the hysteresis must be 0 mly MPa, kPa, or Pa is available for models without this function

2 If the applied pressure fluctuates around the set value, the hysteresis must be set to a value more than the amount of fluctuation, or chattering will occur.

Only MPa, kPa, or Pa is available for models without this function.

PSE300A

PSE300AC

*4 The response time indicates when the set value is 90% in relation to the step input.