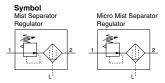
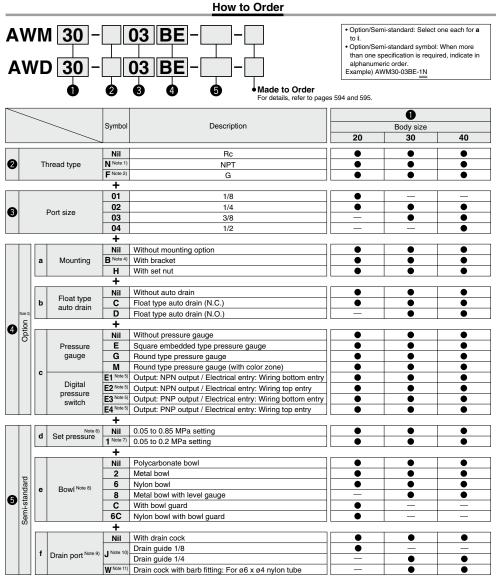
Mist Separator Regulator AWM20 to AWM40 Micro Mist Separator Regulator AWD20 to AWD40



- The AWM series is made up of a regulator and a mist separator to provide optimum results in applications such as clean air blow operations. (Nominal filtration rating: $0.3~\mu m$)
- The AWD series is made up of a regulator and a micro mist separator to provide optimum results in applications such as ultraclean air blow operations. (Nominal filtration rating: $0.01~\mu m$)



Mist Separator Regulator AWM20 to AWM40 Series Micro Mist Separator Regulator AWD20 to AWD40 Series





AC-A AF-A

AWM20, AWD20 AWM40, AWD40

is not orderable as a standard product. Howeve this combination is available as a special. Note 13) For options: E1, E2, E3, E4, This product is for overseas use only according to the new Measurement Law. (The SI unit is provided for use in Japan.) Note 14) □: For thread type: NPT only Note 15) △: Select with options: E1, E2, E3, E4.

AF□-A

AR-A AL-A

AW-A

AC-B

AF-A

AF□-A

AR:

AL-A AW:A

 $AW\square$

A□G

AF

E□ ΑV

	_	_					0		
				Symbol	Description	Body size			
						20	30	40	
			Exhaust	Nil	Relieving type	•	•	•	
		g	mechanism	N	Non-relieving type	•	•	•	
	힏			+					
	Semi-standard	h	Flow direction	Nil	•	•	•		
6	stal	"	riow direction	R	Flow direction: Right to left	•	•	•	
	<u>=</u>			+					
	Se			Nil	Name plate, caution plate for bowl, and pressure gauge in imperial units: MPa	•	•	•	
		i	Pressure unit	Z Note 12)	Name plate, caution plate for bowl, and pressure gauge in imperial units: psi, °F	O Note 14)	Note 14)	O Note 14)	
				ZA Note 13)	Digital pressure switch: With unit conversion function	△ Note 15)	△ Note 15)	△ Note 15)	
Note	to po to 2) D A'	MD20 AWN ort cor the A rain g WD20 WM40	uide is NPT1/8 (appli) and NPT1/4 (applic 140, AWD30 to AWD. nes with ø3/8" one-to WM30 to AWM40, A uide is G1/8 (applicab) and G1/4 (applicab), AWD30 to AWD40 B, G, H, M are not as	cable to the 40). The a buch fitting WD30 to A ble to the A le to the A).	use only (The SI u digital pri unit conv The com gauge w is not ord	essure switch will be ersion function, settin bination of the round ith color zone "M" an	Measurement Law. or use in Japan.) The equipped with the equipped with the interpolation of type pressure id a psi display "Z" d product. However,		

Note 1) Drain guide is NPT1/8 (applicable to the AWM20, AWD20) and NPT1/4 (applicable to the AWM30 to AWM40, AWD30 to AWM40, AWD30 to AWD40). The auto drain port comes with e3/8" one-touch fitting (applicable to the AWM30 to AWM40, AWD30 to AWD40).

Note 2) Drain guide is G17/8 (applicable to the AWM30 to AWD40), AWD30 to AWD40, AWD

Note 3) Option b, c, r, h are not assembled and supplied lose at the time of shipment. Note 4) Assembly of a bracket and set nuts Note 5) When choosing with H (panel mount), the installation space for lead wires will not be secured. In this case, select "wiring bottom entry" for the electrical entry.

ssure switch: With unit conversion function

Note (5) Float type auto drain: when used in combination
with C or D, minimum set pressure is: N.O.
type-0.1 MPa; N.C. type-0.1 MPa (AD27) and
0.15 MPa (AD379.1)
Note 7) The only difference from the standard
specifications is the adjusting spring for the
regulator. It does not restrict the setting of 0.2
MPa or more. When the pressure gauge is
attached, a 0.2 MPa pressure gauge will be fitted.
Note 8) Feldre to Chemical Data on page 37 when
selecting a case material.
Note 9) Float type auto drain: The combination of C and D
is not possible.
Note 10) Without a valve function
Note 11) Metal bowt: The combination of 2 and 8 is not possible.

Standard Specifications							
Model		AWM20 AWD20	AWM30 AWD30	AWM40 AWD40			
Port size		1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2			
Fluid			Air				
Proof pressure			1.5 MPa				
Maximum operating pressure			1.0 MPa				
Set pressure range			0.05 to 0.85 MPa				
Pressure gauge port size Note 1)		1,	/8	1/4			
Ambient and fluid temperature Not	le 2)	-	-5 to 60°C (with no freezing)				
Nominal filtration rating	AWM20 to AWM40	0.3	um (99.9% filtered particle s	size)			
Nominal initiation rating	AWD20 to AWD40	0.01 μm (99.9% filtered particle size)					
Outlet side oil mist	AWM20 to AWM40	Max. 1.0 mg/m³ (ANR) (≈ 0.8 ppm) Note 3) Note 4)					
concentration	AWD20 to AWD40	Max. 0.1 mg/m³ (ANR) (Before saturated with oil 0.01 mg/m³ (ANR) or less ≈ 0.008 ppm) Note 3) Note 4					
Rated flow (L/min (ANR)) Note 5)	AWM20 to AWM40	150	330	820			
nated flow (Dillill (ANN))	AWD20 to AWD40	90	180	450			
Drain capacity (cm³)		8	25	45			
Bowl material			Polycarbonate				
Bowl guard		Semi-standard Standard					
Construction		Relieving type					
Weight (kg)		0.29	0.59	1.25			

Note 1) Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge. Note 2) –5 to 50°C for the products with the digital pressure switch. Note 3) When the compressor oil mist discharge concentration is 30 mg/m³ (ANR).

Note 4) Bowl O-ring and other O-rings are slightly lubricated.

Note 5) Conditions: Mist separator inlet pressure: 0.7 MPa; outlet pressure: 0.5 MPa. The rated flow varies depending on the inlet pressure. Keep the air flow within the rated flow to prevent an outflow of lubricant to the outlet side.

SMC

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AWM20 to AWM40 Series AWD20 to AWD40 Series

Options/Part No.

				Model		
	Optional specifi	cations	AWM20 AWD20	AWM30 AWD30	AWM40 AWD40	
Bracket as	sembly Note 1)		AW20P-270AS	AR30P-270AS	AR40P-270AS	
Set nut			AR20P-260S	AR30P-260S	AR40P-260S	
	- Note 2)	Standard	G36-1	0-□01	G46-10-□02	
	Round type Note 2)	0.02 to 0.2 MPa setting	G36-2	G46-2-□02		
Pressure	Round type Note 2)	Standard	G36-10	G46-10-□02-L		
gauge	(with color zone)	0.02 to 0.2 MPa setting	G36-2-	-□01-L	G46-2-□02-L	
	Square embedded	Standard	GC3-10AS [G	ge cover only)]		
	type Note 3)	0.02 to 0.2 MPa setting	GC3-2AS [GC	e cover only)]		
		NPN output / Wiring bottom entry	ISE35-N-25-	MLA [ISE35-N-25-M (Switc	h body only)]	
Digital pro	ssure switch Note 4)	NPN output / Wiring top entry	ISE35-R-25-	MLA [ISE35-R-25-M (Switc	h body only)]	
Digital pres	ssure switch	PNP output / Wiring bottom entry	ISE35-N-65-	MLA [ISE35-N-65-M (Switc	h body only)]	
		PNP output / Wiring top entry	ISE35-R-65-	h body only)]		
Floot tumo	auto drain Note 5) Note 6)	N.C.	AD27	AD37	AD47	
Float type	auto urani	N.O.	_	AD38	AD48	

Semi-standard/Bowl Assembly Part No.

Semi-standard specifications							Model	
Bowl material	Bowl material Note 5) Note Float type auto drain N.C. N.O.		Note 6) With drain guide	With barb fitting	With bowl guard	AWM20 AWD20	AWM30 AWD30	AWM40 AWD40
	_	_	_	_	•	C2SF-C	_	_
	•	_	_	-	•	AD27-C	_	_
Polycarbonate	_	_	•	_	_	C2SF-J	C3SF-J	C4SF-J
	_	_	_	•	_	1	C3SF-W	C4SF-W
	_	_	•	-	•	C2SF-CJ	_	_
	_	_	_	_	_	C2SF-6	C3SF-6	C4SF-6
	_	_	_	_	•	C2SF-6C	_	_
	•	_	_	-	_	AD27-6	AD37-6	AD47-6
Nylon	_	•	_	_	_	_	AD38-6	AD48-6
Nylon	•	_	_	_	•	AD27-6C	_	_
	_	_	•	-	_	C2SF-6J	C3SF-6J	C4SF-6J
	_	_	_	•	_	_	C3SF-6W	C4SF-6W
	_	_	•	_	•	C2SF-6CJ	_	_
	_	_	_	_	_	C2SF-2	C3SF-2	C4SF-2
Metal	•	_	_	_	_	AD27-2	AD37-2	AD47-2
Ivietai	_	•	_	_	_	_	AD38-2	AD48-2
	_	_	•	_	_	C2SF-2J	C3SF-2J	C4SF-2J
		_	_		_		C3LF-8	C4LF-8
Metal bowl with	•	_		_	_		AD37-8	AD47-8
level gauge	_	•			_		AD38-8	AD48-8
	_	_	•	_	_		C3LF-8J	C4LF-8J

Note 1) Assembly of a bracket and set nuts

Note 2) Case-8.

C4LF-8.

Note 1) Assembly of a bracket and set nuts

Note 2) Cl in part numbers for a round pressure gauge indicates a type of connection thread. No indication is necessary for R; however, indicate N for NPT. Please contact SMC regarding the connection thread NPT and pressure gauge supply for psi unit specifications.

Note 3) Including one O-ring and 2 mounting screws. [] Fressure gauge cover only

Note 4) Lead wire with connector (2 m), adapter, lock pin. O-ring (1 pc.), mounting screw (2 pcs.) are attached. [] Switch body only.

Also, regarding how to order the digital pressure switch, pleaser feet to page 596.

Note 5) Minimum operating pressure: N.O. type-0.1 MPa; N.C. type-0.1 MPa; (AD27) and 0.15 MPa (AD37/47). Please contact SMC for psi and °F unit specifications.

Note 6) Please consult SMC for details on drain piping to fit NPT or G port sizes.

Note) - Including O-ring.

*Bowl assembly for the AWM30/40, AWD30/40 comes with a bowl guard (steel band material). (except when the bowl material is metal)





AWM20 to AWM40 Series AWD20 to AWD40 Series Specific Product Precautions

Be sure to read this before handling the products. Refer to back page 50 for Safety Instructions and pages 387 to 391 for F.R.L. Precautions.

Selection

⚠ Warning

 Residual pressure release (outlet pressure release) is not complete by releasing inlet pressure. Please contact SMC regarding residual pressure release.

Air Supply

- Install an air filter (AF series) as a pre-filter on the inlet side of the mist separator regulator to prevent premature clogging.
- Install a mist separator (AFM series) as a pre-filter on the inlet side of the micro mist separator regulator to prevent premature clogging.

Maintenance

⚠ Warning

 Replace the element every 2 years or when the pressure drop becomes 0.1 MPa, whichever comes first, to prevent damage to the element.

Mounting and Adjustment

⚠ Caution

- Set the regulator while verifying the displayed values of the inlet and outlet pressure gauges. Turning the regulator knob excessively can cause damage to the internal parts.
- The pressure gauge included with regulators for 0.02 to 0.2 MPa setting is for up to 0.2 MPa use only. Exceeding 0.2 MPa of pressure can damage the gauge.
- 3. Do not use tools on the pressure regulator knob as this may cause damage. It must be operated manually.

Mounting and Adjustment

⚠ Warning

- Be sure to unlock the knob before adjusting the pressure and lock it after setting the pressure. Failure to follow this procedure can cause damage to the knob and the outlet pressure may fluctuate.
- Pull the pressure regulator knob to unlock. (You can visually verify this with the "orange mark" that appears in the gap.)
- Push the pressure regulator knob to lock. When the knob is not easily locked, turn it left and right a little and then push it (when the knob is locked, the "orange mark", i.e., the gap will disappear).



2. A knob cover is available to prevent careless operation of the knob. Refer to page 597 for details.

AC-A

AF-A

AF□-A

AR-A

AL-A

AW-A

AC-B

AF-A

AF -A

AR:å

AL-A

AW:A AW■

A□G

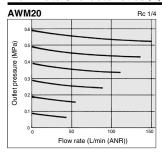
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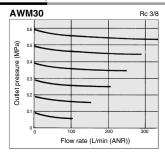
AV AF

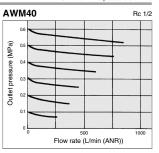
AWM20 to AWM40 Series AWD20 to AWD40 Series

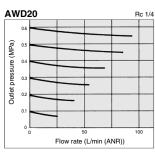
Flow Rate Characteristics (Representative values)

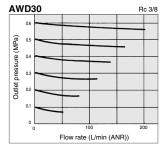
Condition: Inlet pressure 0.7 MPa

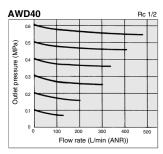






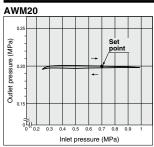


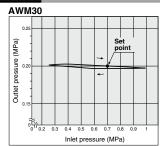


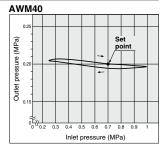


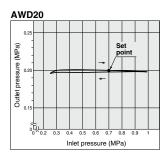
Pressure Characteristics (Representative values)

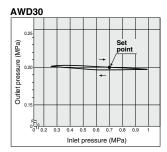
Conditions: Inlet pressure 0.7 MPa, Outlet pressure 0.2 MPa, Flow rate 20 L/min (ANR)

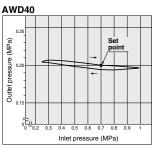






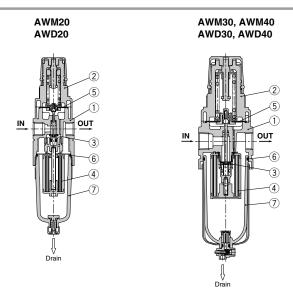






Mist Separator Regulator AWM20 to AWM40 Series Micro Mist Separator Regulator AWD20 to AWD40 Series

Construction



Component Parts

•••	poo					
No.	Description	Material	Model	Color		
1	Body	Aluminum die-cast	AWM20 to AWM40 AWD20 to AWD40	Platinum silver		
2	Bonnet	Polyacetal	AWM20 to AWM40 AWD20 to AWD40	Black		

Replacement Parts

					Part no.	
No.	Descript	ion	Material	AWM20 AWD20	AWM30 AWD30	AWM40 AWD40
3	Valve assembly		Brass, HNBR	AWM20P-090AS	AWM30P-090AS	AWM40P-090AS
		AWM20 to AWM40	_	AFM20P-060AS	AFM30P-060AS	AFM40P-060AS
4	Element assembly	AWD20 to AWD40	_	AFD20P-060AS	AFD30P-060AS	AFD40P-060AS
5	Diaphragm assembly		Weatherable NBR	AR20P-150AS	AR30P-150AS	AR40P-150AS
6	Bowl O-ring		NBR	C2SFP-260S	C3SFP-260S	C4SFP-260S
7	Bowl assembly Note 1)		Polycarbonate	C2SF	C3SF Note 2)	C4SF Note 2)
Note	1) Bowl O-ring is included Pla	ase contact SMC rena	rding the howl accembly	eupply for nei and °E unit en	acifications	

Note 1) Bowl O-ring is included. Please contact SMC regarding the bowl assembly supply for psi and °F unit specifications Note 2) Bowl assembly for the AWM30/40, AWD30/40 comes with a bowl guard (steel band material).

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AC-A AF-A AF□-A AR-A

AL-A
AW-A
AC-B
AF-A
AF□-A

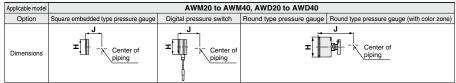
AL-A AW:∄

A□G E□ AV

AF

AWM20 to AWM40 Series AWD20 to AWD40 Series

Dimensions AWM20 AWD20 DU Plate thickness AWM20, AWD20: Max. 3.5 AWM30, AWM40 AWD30, AWD40 Panel fitting dimension Plate thickness AWM30, AWD30: Max. 3.5 AWM40, AWD40: Max. 5 P2 (Pressure gauge port size) AWM20 to AWM40, AWD20 to AWD40 Applicable mode Option Round type pressure gauge Round type pressure gauge (with color zone) Center of Center of



Applicable model		AWM20, AWD20)	AWM30/40, AWD30/40						
Optional/Semi-standard specifications	With auto drain (N.C.)	Metal bowl	With drain guide	With auto drain (N.O./N.C.)	Metal bowl	Metal bowl with level gauge	With drain guide	Drain cock with barb fitting		
Dimensions	M5 x 0.8			N.O.: Black N.C.: Gray o10 one-touch fitting			1/4 Width across flats 17	Barb fitting Applicable tubing: T0604		

					Standar	d specif	fication					Optional specifications							
Model					nanuai	u specii	iication	3					re type re gauge	Digital pressure switch		Round type pressure gauge		Round type pressure gauge (with color zone)	
	P1	P2	Α	B Note)	С	D	Е	F	G	J	K	Н	J	Н	J	Н	J	Н	J
AWM20/AWD20	1/8, 1/4	1/8	40	173	73	26	_	M28 x 1	40	26	5	□28	27	□27.8	37.5	ø37.5	62.5	ø37.5	63
AWM30/AWD30	1/4, 3/8	1/8	53	201	86	29.5	30	M38 x 1.5	55	29.5	3.5	□28	30.5	□27.8	41	ø37.5	66	ø37.5	66
AWM40/AWD40	1/4, 3/8, 1/2	1/4	70	239	92	37.5	38	M42 x 1.5	80	37.5	1.5	□28	38.5	□27.8	49	ø42.5	76	ø42.5	76

					C	ptional	specific	ations	itions					Semi-standard specifications				
Model		Bracket mount								Panel mount With auto drain				With drain guide	Metal bowl	Metal bowl with level gauge		
	M	N	Q	R	S	Т	U	٧	V W Y Z			B Note)	B Note)	B Note)	B Note)	B Note)		
AWM20/AWD20	30	34	44	5.4	15.4	55	2.3	30	28.5	14	6	190	_	177	173	_		
AWM30/AWD30	41	40	46	6.5	8	53	2.3	31	38.5	19	7	242	209	208	214	234		
AWM40/AWD40	50	54	54	8.5	10.5	70	2.3	35.5	42.5	21	7	278	247	246	252	272		

Note) The total length of B dimension is the length when the filter regulator knob is unlocked.

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Mist Separator Regulator AWM20 to AWM40 Micro Mist Separator Regulator AWD20 to AWD40 Made to Order Specifications: Please contact SMC for detailed dimensions, specifications and lead times.



1 0.4 MPa Setting

The maximum set pressure is 0.4 MPa. When a pressure gauge is included, the display will show a range from 0 to 0.4 MPa.

Specifications

ı	Proof pressure	1.5 MPa
ı	Maximum operating pressure	1.0 MPa
ı	Set pressure range	0.05 to 0.4 MPa

Applicable Model

Mandal	AWM20	AWM30	AWM40
Model	AWD20	AWD30	AWD40
Port size	1/8. 1/4	1/4. 3/8	1/4. 3/8. 1/2

2 Long Bowl

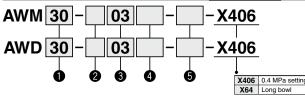
Drain capacity is greater than that of standard models.

Applicable Model/Drain Capacity

Model	AWM20	AWM30	AWM40
Model	AWD20	AWD30	AWD40
Port size	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2
Drain capacity (cm3)	19	43	88

Note) Please consult SMC for dimensions.

How to Order



 Option/Semi-standard: Select one each for a to I. Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) AWM30-03BE-2N-X406 				0.4 N
	Symbol	Description		

0.4 MPa Setting	Long Bowl
-----------------	-----------

Example) AWM30-03BE-2M-X406															
	s		Symbol	Description	Body size			Body size							
				20	30	40	20	30	40						
				Nil	Rc	•	•	•	•	•	•				
2	Thread type		Note 1)	NPT	•	•	•	•	•	•					
T				F Note 2)	G	•	•	•	•	•	•				
				+											
				01	1/8	•	_	-	•	_	-				
8	Port size		ort cizo	02	1/4	•	•	•	•	•	•				
U			JIT SIZE	03	3/8	_	•	•	_	•	•				
			04	1/2		-	•	_	-						
	_	_		+											
				Nil	Without mounting option	•	•	•	•	•					
		a	Mounting	B Note 4)	With bracket	•	•	•	•	•					
				H	With set nut (for panel fitting)	•	•	•	•	<u> </u>					
		_		+											
			Float type	Nil	Without auto drain	•	•	•	_	-					
		b	b	auto drain	С	Float type auto drain (N.C.)	•	•	•						
	Note 3)			D	Float type auto drain (N.O.)	_	•	•							
4	Option	_		+											
	8			Nil	Without pressure gauge	•	•	•	•	•	_				
			Pressure	E	Square embedded type pressure gauge (with limit indicator)	•	•	•	-	•	•				
	С		gauge	ge G M	Round type pressure gauge		•	•	-	•	<u> </u>				
		c		E1 Note 5)	Round type pressure gauge (with color zone)	•	•	•	•	•	•				
			Digital	E1 Note 5)	Output: NPN output / Electrical entry: Wiring bottom entry	-	-	-	-	-	-				
							pressure	E2 Note 5)	Output: NPN output / Electrical entry: Wiring top entry Output: PNP output / Electrical entry: Wiring bottom entry	-	-	-	-	-	
			switch	E4 Note 5)		-	-	-	-	-	-				
				□4 Note 5)	Output: PNP output / Electrical entry: Wiring top entry		_ •	•	•	_	_ •				

Note 1) Drain guide is NPT 1/8 (applicable to the AWM20, AWD20) and NPT 1/4 (applicable to the AWM30 to AWM40, AWD30 to AWM40,

Mist Separator Regulator AWM20 to AWM40 Series Micro Mist Separator Regulator AWD20 to AWD40 Series

AR:A AL-A AW:å 0.4 MPa Setting Long Bowl $\mathsf{AW}\square$ A□G
 ody size
 Body size

 30
 40

 20
 30
 40
 E A۷ Polycarbonate bowl
Metal bowl
Nylon bowl
Metal bowl with level gauge
With bowl guard
Nylon bowl with bowl guard AF With drain cocl J Note 10)

Drain guide 1/8
Drain guide 1/4
W Note 11)
Drain cock with barb fitting: For e6 x e4 nylon tube +
Nil Relieving type
N Non-relieving t Non-relieving type Nil Flow direction: Left to right

R Flow direction: Right to left h Flow direction | Nii | Name plate and caution plate for bowl in imperial units: MPa | | Z | Note 12| | Name plate and caution plate for bowl, and pressure gauge in imperial units: psi, °F | ZA Note 13| | Digital pressure switch: With unit conversion function | Note 14| Note 15| Note 15| Note 15| Note 15| Note 15| Note 15|

| Take |

Note 13) For options: £1, £2, £3, £4. This product is for overseas use only according to the new Measurement Law. (The SI unit is provided for use in Japan.)

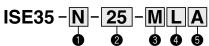
Note 15) △: Select with options: £1, £2, £3, £4.

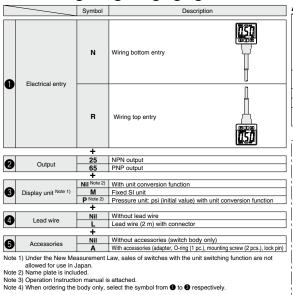
SMC

AC-A AF-A AF□-A AR-A AL-A AW-A AC-B AF-A AF□-A

Option Digital Pressure Switch C C SWUS

For details about the Pressure Switch Precautions, refer to Best Pneumatics No. 8. For details about the Specific Product Precautions, refer to the Operation Manual at SMC website.





Intion/Port no

Option/Part no.

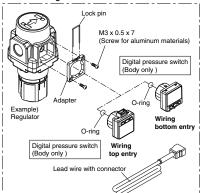
When optional parts are required separately, use the following part numbers to place an order

	Part no.	Option			
	ZS-32-A	Lead wire (2 m) with connector			
ZS-32-C Accessories (adapter, O-ring (1 pc.), mounting screw (2		Accessories (adapter, O-ring (1 pc.), mounting screw (2 pcs.), lock pin)			

Applicable Series

п	7.pp.::ca.b.c				
_	F.R.L. unit	AC20, AC25, AC30, AC40, AC50, AC55, AC60			
		AC20A, AC30A, AC40A, AC50A, AC60A			
		AC20B, AC25B, AC30B, AC40B,			
		AC50B, AC55B, AC60B			
		AC20C, AC25C, AC30C, AC40C			
		AC20D, AC30D, AC40D			
	Dlata	AR20(K), AR25(K), AR30(K), AR40(K),			
	Regulator	AR50(K), AR60(K)			
	Filter regulator	AW20(K), AW30(K), AW40(K), AW60(K)			
	Mist separator regulator	AWM20, AWM30, AWM40			
	Micro mist separator regulator	AWD20, AWD30, AWD40			

Diigtal Pressure Switch Details



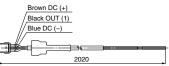
Specifications

596

Rated pressure range		0 to 1 MPa				
Display/Set	pressure range	-0.1 to 1 MPa				
Withstand p	ressure	1.5 MPa				
Display/Set	pressure resolution	0.01 MPa				
Fluid		Air, Inert gas, Non-flammable gas				
Power supp	ly voltage	12 to 24 VDC, Ripple (p-p) 10% or less (with power supply polarity protection				
Current cor	sumption	55 mA or less (at no load)				
Switch outp	out	NPN or PNP open collector 1 output				
	Max. load current	80 mA				
	Max. applied voltage	30 V (with NPN output)				
	Residual voltage	1 V or less (with load current of 80 mA)				
	Response time	1 s (Response time selections: 0.25, 0.5, 2, 3)				
Short circuit	protection	With short circuit protection				
Repeatabili	ty	±1%F.S.				
Hysteresis	Hysteresis mode	Variable (see he set from 0)				
Hydicicold	Window comparator mode	Variable (can be set from 0)				
Display		3-digit, 7-segment indicator, 2-color display (Red/Green) can be interlocked with the switch output.				
Display acc	uracy	±2%F.S. ±1 digit (at 25°C ± 3°C)				
Indicator light		Illuminates when output is turned ON. (Green)				
Environmental	Enclosure	IP40				
resistance	Operating temperature range	−5 to 50°C (with no freezing and condensation)				
Lead wire w	vith connector Note)	ø3.4 3-wire 25AWG 2 m				
(Option: L)		With connector cover				
Weihgt		Approx.14 g (body only), Approx.38 g (including lead wire with connecto				
Standard		CE, UL, CSA, BoHS				

Dimensions: Lead wire with connector ZS-32-A

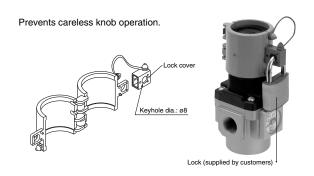
Brown DC (+)



Standard CE, UL, CSA, RoHS

Note) For details about the wiring, refer to the Operation Manual at SMC website (http://www.smcworld.com).

Option Knob Cover



Part no.	Applicable model
AR20P-580AS	AC20□, AR20(K), AW20(K), AWM20, AWD20
AR25P-580AS	AC25□, AR25(K)
AR30P-580AS	AC30□, AR30(K), AW3(K), AWM30, AWD30
AR40P-580AS	AC40□(-06), AR40(K)(-06), AW40(K)(-06), AWM40, AWD40

AF-A AF□-A AR-A AL-A AW-A AC-B AF-A AF□-A AR:A AL-A AW:A $\mathsf{AW}\square$ A□G E AV AF

AC-A