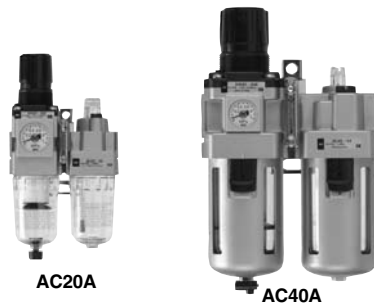
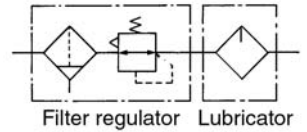


AC10A to 40A



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JIS symbol



Standard Specifications

Model		AC10A	AC20A	AC30A	AC40A	AC40A-06
Component	Filter regulator	AW10	AW20	AW30	AW40	AW40-06
	Lubricator	AL10	AL20	AL30	AL40	AL40-06
Port sizes		M5 x 0.8	1/8 1/4	1/4 3/8	1/4 3/8 1/2	3/4
Pressure gauge port size Note 1)		1/16	1/8	1/8	1/4	1/4
Fluid		Air				
Proof pressure		1.5MPa				
Maximum operating pressure		1.0MPa				
Set pressure range		0.05 to 0.7MPa	0.05 to 0.85MPa			
Relief pressure		Set pressure + 0.05MPa Note 2) [at relief flow rate of 0.1L/min (ANR)]				
Ambient and fluid temperature		−5 to 60°C (with no freezing)				
Nominal filtration rating		5μm				
Recommended lubricant		Class 1 turbine oil (ISO VG32)				
Bowl material		Polycarbonate				
Bowl guard		—	Option			
Filter regulator construction		Relieving type				
Weight (kg)		0.20	0.59	0.75	1.41	1.46



Note 1) Pressure gauge connection threads are not required for F.R.L. unit with a square embedded type pressure gauge (AC20A to AC40A).

Note 2) Not applicable to AC10A.

Attachment/Accessory Part No.

				Part no.											
Description				Model		AC10A		AC20A		AC30A		AC40A		AC40A-06	
Accessories	Pressure gauge	Note 1) 1.0MPa	Round	G27-10-R1		G36-10-□01		G36-10-□01		G46-10-□02		G46-10-□02			
			Square embedded type	—		GC3-10AS		GC3-10AS		GC3-10AS		GC3-10AS			
		0.2MPa	Round	G27-10-R1		G36-2-□01		G36-2-□01		G46-2-□02		G46-2-□02			
			Square embedded type	—		GC3-2AS		GC3-2AS		GC3-2AS		GC3-2AS			
	Float type auto drain	Note 4)		N.O.	—		—		AD38	AD38N	Note 7)	AD48	AD48N	Note 7)	AD48
		N.C.	AD17		AD27		AD37	AD37N	Note 7)	AD47	AD47N	Note 7)	AD47	AD47N	
Attachments	Spacer			Y100		Y200		Y300		Y400		Y500			
	Check valve			—		AKM2000-		AKM3000-		AKM4000-		—			
	Pressure switch			—		IS1000M-20		IS1000M-30		IS1000M-40		IS1000M-50			
	T-interface			Y110-M5		Y210-		Y310-		Y410-		Y510-			
	3-port valve for residual pressure release			—		VHS20-		VHS30-		VHS40-		VHS40-			
	Piping adapter			E100-M5		E200-		E300-		E400-		E500-			
	Pressure switch with piping adapter			—		IS1000E-20		IS1000E-30		IS1000E-40		—			
Cross interface			Y14-M5		Y24-		Y34-		Y44-		Y54-				



Note 1) □ 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.

Contact SMC regarding the connection thread NPT and pressure gauge supply for PSI unit specifications.

Note 2) Includes one O-ring and 2 mounting screws.

Note 3) For 1.0MPa.

Note 4) Minimum operating pressure: N.O. type—0.1MPa (AD17/27); N.C. type—0.15MPa (AD37/47).

Note 5) For F.R.L. units, port sizes not in () are for standard application.

Note 6) Separate interfaces are required for modular unit.

Note 7) When "N" is specified in the end of part number of auto drain, applicable tube O.D. should be ø3/8".