Series variation

Fittings/tubes

F.R.L. F.R.

F (Filtr)

R (Reg) L (Lub)

Drain Separ Mech Press SW Res press exh valve

SlowStart Anti-bac/Bacremove Filt Film Resist FR Oil-ProhR

Press FR No Cu/ PTFE FRL Outdrs FRL Adapter

Joiner Press Gauge CompFRL

LgFRL PrecsR

VacF/R Clean FR

ElecPneuR

AirBoost Speed Ctrl

Silncr

CheckV/ other

Fit/Tube Nozzle

Air Unit

PrecsCompn Electro

Press SW ContactSW AirSens

PresSW Cool Air Flo Sens/Ctrl WaterRtSens TotAirSys

(Total Air) TotAirSys (Gamma) Gas generator RefrDry

DesicDry

HiPolymDry MainFiltr Dischrg

Ending

Model/appearance	Features	Compatible tube diameter		Page								
		М3	M5	1/8	1/4	3/8	1/2					
Miniature fitting	Miniature	ø3.2	•	•	•							
F Series	barbed, clamp fitting	ø4	•	•	•				816			
•		ø6		•	•							
Fitting	Push-in fitting	ø3.2	•	•								
GW Series	Standard sealant is applied to round screws	ø4	•	•	•	•						
	Flame-resistant resin has been	ø6		•	•	•	•					
	adopted as a standard material	ø8			•	•	•		824			
		ø10			•	•	•	•				
		ø12				•	•	•				
		ø16					•	•				
Fitting	Push-in fitting	ø3.2	•	•	•				838			
Mini fitting	Compact Standard sealant is applied to	ø4		•	•							
GWJ Series	round screws	ø6		•	•							
Fitting stainless steel	Push-in fitting	ø4		•	•	•						
ZW Series	Flame-resistant resin has been adopted as a standard material SUS304 is used for body metal	ø6		•	•	•	•		844			
6		ø8			•	•	•					
	Standard sealant is applied to	ø10				•	•	•				
	round screws	ø12					•	•				
Fitting stainless steel	Push-in fitting	ø4		•	•	•			848			
ZSP Series	SUS303 or equivalent is used for body metal Standard sealant is applied to	ø6		•	•	•	•					
		ø8			•	•	•					
	round screws	ø10			•	•	•	•				
		ø12				•	•	•				
Tightening fitting stainless steel	Easy-to-fit mechanism,	ø4			•	•						
ZJ Series	tightening fitting	ø6			•	•	•		857			
	SUS316 is used for body metal	ø8			•	•	•					
		ø10				•	•	•				
		ø12				•	•	•				
Tightening fitting	Tightening fitting	ø4			•	•	•					
MJ/JL Series	Can be used for copper tube	ø6			•	•	•		863			
		ø8			•	•	•					
		ø10				•	•	•				
		ø12				•	•	•				
		ø15					•	•				
Rotary fitting RJF Series	Built-in bearing for high rigidity/low sliding resistance Ample lineup includes 4/6/8/12/16 circuits	—		•	•				870			

Fittings/tubes

Series variation

Model/appearance	Features	Compatible			Port	Page	F.R.L.			
wiodowappedianioe	i catalos	diameter	M3	M3 M5 1/8		1/4 3/8 1/2		1/2	l age	F (Filtr)
Push-in fitting for fiber tube, standard PG Series	Push-in fitting PP resin incorporated as standard to increase corrosion resistance Standard sealant is applied to round screws	ø1.8	•	•	•				883	R (Reg) L (Lub) Drain Separ Mech Press SW Res press exh valve
Push-in fitting for fiber tube clean-room CG Series	Push-in fitting PP resin incorporated as standard to increase corrosion resistance SUS304 is used for body metal	ø1.8	•	•	•				883	SlowStart Anti-bac/Bac- remove Filt Film Resist FR Oil-ProhR Med Press FR
Push-in fitting for fiber tube Flame-resistant RG Series	Push-in fitting Flame-resistant resin has been adopted Standard sealant is applied to round screws	ø1.8		•	•				897	No Cu/ PTFE FRL Outdrs FRL Adapter Joiner Press Gauge CompFRL
Dedicated fitting for fiber tube PTN* Series	With retainer collar Standard sealant is applied to round screws	ø1.8	•	•	•				877	LgFRL PrecsR VacF/R Clean FR ElecPneuR

Tube

Model	Features	Tube O.D.									Page	Silncr CheckV/ other
		ø1.8	ø3.2	ø4	ø6	ø8	ø10	ø12	ø15	ø16		Fit/Tube
IIIOr ni ign_in tittingi	Extremely fine air tube as fine and flexible as lead wire. Increased flow rate with large tube size and enhanced usability with push-in fitting										883	Nozzle
											003	Air Unit
Fiber tube for clean- room (for push-in fitting)	High corrosion resistant materials (special polyolefin) incorporated for use in cleanrooms. Ideal for fields requiring a clean environment, including semiconductor manufacturing, medicine and foodstuff manufacturers.	•									883	PrecsCompn Electro Press SW ContactSW
Flame-resistant fiber tube (for push-in fitting)	Push-in fitting tubing using flame-resistant materials. Ideal for piping in narrow space while maintaining flexibility.	•									897	AirSens PresSW Cool
Antistatic fiber tube	Extremely fine air tube as fine and flexible as lead wire. Ideal for difficult piping in narrow spaces or for short distance piping.	•									877	Air Flo Sens/Ctrl WaterRtSens
Antistatic tube	This tubing prevents electrostatic discharge and dust from accumulating. Features flexibility that makes it ideal for difficult piping in narrow spaces.		•	•	•	•	•	•			903	TotAirSys (Total Air)
Soft nylon tube	Very flexible compared to the conventional nylon tubes and optimal for piping in small or complicated spaces.		•	•	•	•	•	•	•	•	906	TotAirSys (Gamma) Gas
New urethane tube	Thanks to a new manufacturing process, the same outer diameter is realized while a larger inner diameter. This piping tube is also used for larger flow rates.			•	•	•	•	•			907	RefrDry
Urethane tube	Durable and flexible thanks to its high mechanical strength.		•	•	•	•	•	•			908	DesicDry HiPolymDry
Coiling tube	This is a coiling extensible tube.				•	•	•	•			908	MainFiltr Dischrg
Flame-resistant tube	Revolutionary tube made using flame-resistant materials. Even if welding sparks, etc., come into contact, the tube will not continue to burn.			•	•	•	•	•			909	etc Ending

AirBoost

Speed Ctrl