Series variation

Main series Features

* Check usability by carefully considering the compatibility of working fluids with product materials, working conditions, etc. • Fluid control components that emphasize high cleanliness and high durability • Refer to the information on each page for details on the materials used and specifications of each product.

			oto Model		Main app (Semic	olication e conductor	examples rs/FPD)	Component r	materials	Connection size (tube outer diameter)													Connection										
							pee	Wetted parts	Non-wetted									Nomin	al diame	er (union	/flange co	nnection	n)						4	age 7		ling	light distribution of the second seco
Category		Photo	Model	Features	Coater / Developer	Clea	Chemical liquid feed equipment	Body (*PTFE is used for the diaphragm)	Actuator	1/8", 3mm	1/4", 6mm	8 mm	3/8", 10mm	1/2", 12mm	3/4", 16mm	1", 25mm	1, 1/4	16 mm	20 mm	25 mm	30 mm 40 mm	50 mm	Super Type	Super 300	F-LOCK20	F-LOCK60	Final Lock	Dc thread	- KC-IIII eau	Stainless steer at Double barbec	PVC union	PFA pipe for weld	FVDV undiring
	Part3R(N)	\$	AMD**3R (air operated)	New standard model supporting a wide range of fluid, pressure and temperature conditions The manual type has improved reliability with		•	•	PTFE / PFA	PVDF	•	•	•	•	•	•	•								•		•							2
	Series	4	MMD*03RN (manual)	new mechanisms such as over-tightening prevention mechanism and lock ring to prevent accidental operation (MMD*03RN).		•	•	,			•	•	•	•	•	•								•		•							10
	Part2 Series	5	AMD**2 (air operated)	Compatible with high temperature fluids (AMD**2). Wide range of connection options	•	•	•	PTFE / PFA / Stainless steel	PPS / PP / Aluminum alloy		•	•	•	•	•	•								•	•	•	•			•			20
		4	MMD*02 (manual)			•	•	Otalilless steel	PP /Aluminum alloy				•	•	•	•																	11
Open/ Close valve High	Part1 Series	-	AMD** (air operated)	Compact, space saving and ideal for small flow rate control lines	•			PTFE / PFA / Stainless steel	PPS	•	•												•	•	•	•	•	•	•				66
	High	3	AMD*1H (air operated)	Supports high pressure, high back pressure and large flow rate for chemica liquid supply facilities in semiconductor			•	PFA	PP					•	•	•								•								•	76
	pressure	1	MMD*0H (manual)	chemical liquid feed operation.																													13
Large	Metal-free	-	AMD*1M (air operated)	Supports strong acid (hydrochloric acid, hydrofluoric acid, nitric acid) lines with high concentration and high corrosiveness in chemical liquid supply		•	•	PFA	PVDF				•	•	•	•								•									82
		\$	MMD*0M (manual)																														14
	Large bore size	\$	LYX-1380 (air operated)				•	PTFE	PP															•									86
	Size	4	LYX-1381 (manual)																														14
	PVC	4	AMD*1L (air operated)	PVC union fitting is provided as standard for piping connection using water hammer reduced structure.	•	•		PVC	PPS									•	•	•	• •	•									•		88
Drij	prevention valve	T	AMS, AMDS	High precision liquid drainage and drip prevention control prevent discharge failures It also supports optimized custom-made designs for fluid viscosity. Discrete (AMS)/air operated valve integrated (AMDS).	•			PTFE / PFA / Stainless steel	PPS	•	•												•	•	•	•	•	•	•				15
			PMP (pilot operated)	Pressure and flow rate can be controlled by pilot air remote control. Balance between space saving and pressure stability on a high level.	•		•	PTFE, PFA	PVDF		•		•	•	•	•								•		•							16
Regulator			PYM (manual)	Stainless steel body (for Air/N ₂ gas/pure water)	•			Stainless steel	Stainless steel	•	•																	•	•				16
			PMM (manual)	Uses a fluoro resin body (for pure water	•			PTFE / PFA	PP			•	•			•							•	•	•	•	•	,					16
			MNV (motorized)	by remote control			•	PTFE	PPS				•											•									17
Needle valve			FMD (Manual)	Flow rate adjustment of highly corrosive fluid is possible			•	PTFE / PFA	PVDF		•		•											•									17
	J.		LYX-0961, LYX- 0965 (manual)	Fine flow rate can be adjusted. Discrete (LYX-0965), integrated with air operated valve (LYX-0961)	•		•	PTFE	PPS	•													•	•	•	$ \bullet $		•	•				18