

1	Line No.	3/4"PA-88507-A19-Z				Tag No.	KV-88708				
2	Service	On- Off				Type No.					
3	Fluid	Air				P&ID No.	880-PD-B-87930 Sh.2				
4	SERVICE COND		Units	Min. Flow	Normal. Flow	Max.Flow	Other Flow				
5		Flow Rate	Nm3/h		40						
6		Inlet Pressure	bar(a)		10,25						
7		Outlet Pressure	bar(a)		10,25						
8		Inlet Temperature	degC		10						
9		Mol Weight	Density	kg/m3		28,96	12,612				
10		Flashing	Vap. Density	cP							
11		Vapor Pressure Pv	bar(a)								
12		Critical pressure	bar(a)								
13		Required Cv									
14		Position @calc. Cv	%								
15		Allowable	Predicted SPL	db(A)							
15		Gas Compressibility Factor									
16		LINE	ID / Th. (mm)	In	26,67 / 2,87		50	Type	Pneumatic		
17				Out	26,67 / 2,87		51	Mfr & Model	APM 148 SE		
18		Line Insulation	NO		52	Size	Eff Area				
19	VALVE BODY/BOX	Type	Ball		53	Application Type	On - Off				
20		Size	¾"	ANSI Class	800#	54	Spring Action Open/Close	Close			
21		Max Press.	56 bar	Max Temp.	100 °C	55	Max Allowable Pressure	10 bar g			
22		Mfr & Model	Adler & FS2		56	Min Required Pressure	4 bar g				
23		Body material	AISI 316		57	Available Air Supply Pressure:					
24		Bonnet Material	N.A.		58	Max	10 bar g	Min	4 bar g		
25		End In	Thd ¾" NPT F		59	Bench Range	0 ÷ 4 bar				
26		Connection Out	Thd ¾" NPT F		60	Actuator Orientation	Parallel to the pipe				
27		Flg Face Finish	-		61	Handweel	No				
28		Flow Direction	N.A.		62	Air Failure Valve	Close				
29		Type of Bonnet	Standard		63	DP for Act. Sizing	12 bar g				
30		Packing Material	PTFE		64	Input Signal					
31		Packing Type	Spring loaded		65	Type					
32		TRIM	Type	Ball		66	Mfr & Model				
33			Size	¾"	Rated Travel	100%	67	On Increase Signal Output			
34	Characteristic		On - Off		68	Gauges	By-pass				
35	Balance/Unbalance		Balance		69	Cam Characteristic					
36	Rate Cv		Full	FI	- Xt -	70	Type	NJ2-12GK-N			
37	Plug/Ball/Disk Matl		ASTM A479-F316		71	Mfr & Model	Pepperl+Fuchs				
38	Seat Material		PTFE		72	Contacts/Rating	NC 1 A 24 VDC				
39	Cage/Guide Material		N.A.		73	Actuation Points	Close				
40	Stem Material		ASTM A479-F316		74	Tag Number(s)	KLS-88708C				
41	ANSI/FCI Leakage Class		VI		75	Mfr & Model	ASCO & 34208002				
42	IEC Class		IP 55 (for pneumatic)		76	Set Pressure	8 bar g				
43			IP 65 (for electronic)		77	Filter	Yes	Gauge	Yes		
44	Tubing:		AISI 316		78	I/P Req'd?	No	Tag			
45	Fitting:		AISI 316, compression type		79	Solenoid Req'd?	Yes	Q.ty	2 WAY 3/2 U COIL H		
46	Elec. Conn.		ISO M20 x1.5		80	Tag Number(s)	KZY-88708 / KY-88708				
47	Oxygen clean.	No		81	Mfr & Model	Asco NFET8327B202 24 Vdc EV (1)					
48	Sun Shade	No		82	Position transmitter	No					
49				83	Safety valve Req'd?	No					

NOTES : 1) 1/4"NPT Body AISI 316 - Packing Viton - with AISI discharge protection/silencer mod. 34600483  
2) SIAD MI code: 4VA1422

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