

1	Line No.	3/4"PA-88507-A19-Z				Tag No.	KV-88709						
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	3/4"	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 3/4" NPT F			59	Bench Range	0 ÷ 4 bar					
26		Connection Out	Thd 3/4" 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	3/4"	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	Fl	-	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-88709C					
41		ANSI/FCI Leakage Class	VI			75	Mfr & Model	ASCO & 34208002					
42	SPECIAL	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 Reqd?	No	Tag				
45		Fitting:	AISI 316, compression type			79	Solenoid Reqd?	Yes	Q.ty	2	WAY	3/2 U COIL H	
46		Elec. Conn.	ISO M20 x1.5			80	Tag Number(s)	KZY-88709 / KY-88709					
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 Reqd?	No						
NOTES : 1) 1/4"NPT Body AISI 316 - Packing Viton - with AISI discharge protection/silencer mod. 34600483 2) SIAD MI code: 4VA1422													

Form code: MDT.GG.QUA.0004 Sh. 01/Rev. 3.96

This document and the information herein contained are confidential and the sole property of Salpem who will safeguard its rights according to the civil and penal provisions of the law. It shall neither be shown to third parties nor used for purposes other than those for which it has been disclosed.