

GENERAL	1	Tag No.			XV -2-68-1					
	2	Service			Fuel gas supply pilot					
	3	Line No.	PID No.		2"-FG-3218/4-HC-A301Fa-ST		9856 4132 401 1 02 2 23			
	4	Area Classification			Zone 1 IIC T4					
	5	Ambient Temperature:	Min.	Max.	-36 °C		38 °C			
	6	Allowable Sound Pressure Level	dBA		85					
	7	Tightness Requirements			ANSI VI (TSO)					
	8	Available Air Supply Pressure:	Min.	Max.	3,5 bar-g					
	9	Power Failure Position			Close					
	10	Design Air Pressure			8,2 bar-g					
PIPE LINE	11	Line Size and Schedule	Inlet	Outlet	2 in 80		2 in 80			
	12	Pipe Material	Pipe Insulation		A106 Gr.B / A105					
	13	Design Pressure	Design Temperature		5 bar-g		80 °C			
PROCESS CONDITIONS	14	Process Fluid			Fuel Gas					
	15	Upstream Condition			Gas/Vapor					
	16	Differential Pressure - Shut Off			5 bar					
	17		Units	@ Max. Flow	@ Norm. Flow	@ Min. Flow				
	18	Flow Rate	Nm3/h	25						
	19	Inlet Pressure	bar-g	5						
	20	Pressure Drop	bar	0,01						
	21	Inlet Temperature	°C							
	22	Inlet Density / Specific Gravity / Molecular Mass	kg/m3	1,18						
	23	Inlet Compressibility Factor	-							
	24	Inlet Viscosity	cP	0,12						
	25	Inlet Specific Heats Ratio	-							
	26	Inlet Vapour Pressure								
	27									
CALCULATED RESULTS	28	Flow Coefficient Cv			-					
	29	Travel			%					
	30	Sound Pressure Level @ Maximum Flow:			dBA					
BODY AND TRIM	31	MFR	Model			56	MFR	Model	N/A	N/A
	32	Body Type	Ball / Rotary				57	Signal: Inlet/Outlet	N/A	N/A
	33	Body Size	Trim Size	2 in			58	Increase Signal Valve:	N/A	
	34	Rated Cv	Characteris.		Equal%		59	Cam Characteristic	N/A	
	35	End Connec. & Rating	Flange, ANSI B 16.5; 300#; RF				60	Bypass	Gauges	N/A
	36	Body Material	ASTM A216 gr. WCB				61			
	37	Bonnet Type	Material	N/A	N/A		62			
	38	Flow Direct.	Flow Act.	Bidirectional			63	MFR	Model	
	39	Face to Face Dimension					64	Type	EEx-ia; 3/2; 2 pcs in series	
	40	Lubricator	Isolat. Valve				65	When De-Enegr.Valve:	Air from actuator	
	41	Guiding	No. of Ports				66	Coil Power	1.5 W; 24 VDC	
	42	Trim Type					67	MFR	Model	
	43	Rated Travel					68	Type	Quantity	Inductive 2
	44	Plug/ Ball/ Disk Material	ASTM A351 gr. CF8M+HCr				69	Contacts / Rating	NAMUR EN 60947-5-6, EEx-i	
	45	Seat/Retainer Material	AISI 316+Alloy 50Nb				70	Switching Position	Close / Open	
	46	Cage/ Stem/Shaft Mat.	N/A	XM19			71	Cable Gland	M20x1.5, EXe blue	
47	Gasket Material	PTFE				72	MFR	Model		
48		Firesafe Construction				73	Set Pressure			
ACTUATOR	49	MFR	Model			74	Filter	Gauge	Yes	0-12 bar
	50	Type	Spring Diaphragm Pneumatic				75	Air Connection	1/4 NPT-F	
	51	Size	Area				76	Hydro. Pressure	Yes	
	52	Air Failure Valve:	Close				77	Leakage	ANSI VI (TSO)	
	53	Handwheel Location	N/A				78	Certification	SIL2, EN 10204 3.1	
	54	Bench Range	0°-90°				79	Manufacturer	*	
	55						80	Model	*	
Notes: N/A - Not. Applied. Row 21: Ambient Temperature. Closing time = 1s Valve have to be washed before mounting. Firesafe cert. acc. API 607						81	Purchase Order Num.	see notes		
						82	Price	Item Number		
						83	Serial Number			
I	CEP			8.2.2013	For inquiry	INSTRUMENT SPECIFICATION ON OFF Valve				
H	CEP	JEH	ZCH	5.2.2013	For inquiry					
G	CEP	JEH	ZCH	12.12.2012	For inquiry					
F	CEP	JEH	ZCH	15.10.2012	For inquiry					
E	VCM	PCE	ZChy	4.10.2012	For inquiry					
No.	By	Chk	App	Date	Revision	Code: 112	Doc. No.:	9856 4132 401 1 02 2 23		

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