



TECHNICAL SPECIFICATION FORM CONTROL VALVES

Measurement point no.
Manufacturer serial number
User serial number

TECHNICAL PARAMETERS TO BE CONSIDERED FOR VALVE SELECTION	1	Place of installation	57	ACTUATOR	Manufacturer	Type
	2	Function	58		Pneumatic <input type="checkbox"/> Diaphragm type <input type="checkbox"/> Piston type <input type="checkbox"/>	
	3	Explosion hazard zone	59		Operation <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/>	
	4	Ambient temperature min max	60		Size Membrane working area	
	5	Allowed noise level	61		Stroke / rotation angle	
	6	Pipeline identification no.	62		Supply pressure min max	
	7	DN / PN Wall thickness mm	63		Input signal range	
	8	Pipeline material	64		Air connection	
	9	Pipeline insulation <input type="checkbox"/> Thermal <input type="checkbox"/> Acoustic	65		Other actuators <input type="checkbox"/> electric <input type="checkbox"/> hydraulic <input type="checkbox"/> hand operated	
	10		66			
	11	Pipeline connections	67	Handwheel <input type="checkbox"/> Top <input type="checkbox"/> Lateral		
	12	Working fluid	68			
	13	Working fluid at outlet <input type="checkbox"/> liquid <input type="checkbox"/> steam <input type="checkbox"/> gas	69			
	14		70	Manufacturer	Type	
	15		71	Input signal <input type="checkbox"/> pneumatic <input type="checkbox"/> electric		
	16	Flow	72	Valve open at		
	17	Inlet pressure P1	73	Valve closed at		
	18	Outlet pressure P2	74	Operation <input type="checkbox"/> unilateral <input type="checkbox"/> bilateral		
	19	Temperature T1	75	Characteristics <input type="checkbox"/> linear <input type="checkbox"/>		
	20	Medium density at inlet P1 or M	76	Air connections		
	21	Evaporation pressure Pv	77	Accessories <input type="checkbox"/> by-pass <input type="checkbox"/> manometers		
	22	Critical pressure Pc	78	Explosion-proof execution <input type="checkbox"/> spark-safe <input type="checkbox"/> explosion safe		
	23	Kinematic viscosity	79			
	24	Specific heat y	80	Manufacturer	Type	
	25	Compressibility coefficient Z	81	Switch type <input type="checkbox"/> mech. <input type="checkbox"/> approx. <input type="checkbox"/> pneum.		
	26		82	Switch position <input type="checkbox"/> closed <input type="checkbox"/> % stroke <input type="checkbox"/> open		
	27	Pressure with valve closed P1 P2	83	Switch operation <input type="checkbox"/> open <input type="checkbox"/> close		
	28	Supply air pressure min max	84	Explosion-proof execution <input type="checkbox"/> spark-safe <input type="checkbox"/> explosion-safe		
	29	Valve status w/o supply <input type="checkbox"/> open <input type="checkbox"/> closed <input type="checkbox"/> susp.	85			
	30		86	Manufacturer	Type	
KV/NOISE	31	Max calculated flow ratio Kv	87	Valve type <input type="checkbox"/> 2-way <input type="checkbox"/> 3-way <input type="checkbox"/> 4-way		
	32	Min calculated flow ratio Kv	88	Valve supply failure status <input type="checkbox"/> open <input type="checkbox"/> closed <input type="checkbox"/> susp.		
	33	Selected catalogue Kv	89			
	34	Calculated noise level dB(A)	90	Air connection Connection size		
VALVE UNIT	35	Manufacturer Type	91	Electric parameters V Hz W		
	36	Body type	92	Explosion-proof execution <input type="checkbox"/> spark-safe <input type="checkbox"/> explosion-safe		
	37	Flow direction	93			
	38	Nominal pressure	94	<input type="checkbox"/> Air Set Manufacturer Type		
	39	Nominal sizes	95	<input type="checkbox"/> with filter <input type="checkbox"/> with manometer		
	40	End connections <input type="checkbox"/> flanged <input type="checkbox"/> flangeless <input type="checkbox"/> welding <input type="checkbox"/> threaded	96	<input type="checkbox"/> Position transmitter Manufacturer Type		
	41		97			
	42	Extended connections	98	<input type="checkbox"/> Pneumatic booster Manufacturer Type		
	43	Bonnet type <input type="checkbox"/> standard <input type="checkbox"/> extension <input type="checkbox"/> bellow seal <input type="checkbox"/> TA-Luft	99	<input type="checkbox"/> Block valve Manufacturer Type		
	44		100			
	45	Body / bonnet material /	101	Impulse tubes material		
	46	Trim <input type="checkbox"/> standard <input type="checkbox"/> silenced <input type="checkbox"/>	102			
SPECIAL REQUIREMENTS	47	Characteristics <input type="checkbox"/> linear <input type="checkbox"/> equal percentage <input type="checkbox"/> on/off	103	Attestations <input type="checkbox"/> chemical and mechanical tests		
	48	Valve plug / valve plug stem material /	104	Other examinations		
	49	Guiding sleeve / valve seat material /	105	Certificates <input type="checkbox"/> body/bonnet <input type="checkbox"/> bolts/nuts		
	50		106	<input type="checkbox"/> valve plug-valve seat unit		
	51	Valve seat type <input type="checkbox"/> metallic <input type="checkbox"/> soft	107			
	52	Trim with surface herdering	108			
	53		109			
	54	Tightness class	110			
	55	Packing <input type="checkbox"/> PTFE <input type="checkbox"/> graphite <input type="checkbox"/>	111			
	56		112			

Comments:

						Design	Fig. no.	
						Item	Offer request no.	
Change	Date	Name	Revision	Date	Signature	Order no.	Item no.	No. of pcs.