

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		Handwheel <input type="checkbox"/> Top <input type="checkbox"/> Lateral			
	11	Pipeline connections				67					
	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			min	norm	max	unit	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				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					
	44					100	<input type="checkbox"/> Block valve		Manufacturer	Type	
	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:

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