

# Specification sheet control plug valve

Valve identification			
01	Company		02 Project
03	Tag No.		04 Piping material
Operating conditions			
10	Medium	<input type="checkbox"/> liquid <input type="checkbox"/> gas <input type="checkbox"/> solids <input type="checkbox"/> steam	
		MIN	NORM MAX
11	Inlet Pressure p1	bar	
12	Outlet Pressure p2	bar	
13	Dynamic viscosity	cSt	
14	Density	kg/m <sup>3</sup>	
15	Operating temperature	°C	
16	Flow rate	(N) m <sup>3</sup> /h	
17	Solid parts	%	
18	Particle size	mm	
19	others		
Control plug valve			
20	Size	DN/NPS	21 Pressure Rating PN / Class
22	Connection type		
23	Control characteristic	<input type="checkbox"/> equal percentage <input type="checkbox"/> linear	24 K <sub>vs</sub> value required m <sup>3</sup> /h
25	Protection insert required	<input type="checkbox"/> yes <input type="checkbox"/> no	
26	Material	Body Plug Cover sealing Sleeve	
27	others		
General information			
30	Electrical supply	____ V, ____ Hz <input type="checkbox"/> 1ph <input type="checkbox"/> 3ph <input type="checkbox"/> AC <input type="checkbox"/> DC	
31	ATEX	<input type="checkbox"/> not required <input type="checkbox"/> intrinsically safe <input type="checkbox"/> flameproof encapsulation <input type="checkbox"/> special	
32	Air connection	<input type="checkbox"/> ¼" <input type="checkbox"/> ½" <input type="checkbox"/> G <input type="checkbox"/> NPT electr. connection <input type="checkbox"/> M20x1,5 <input type="checkbox"/> ½ NPT	
Operation			
40	Make	Type / Size	
41	Actuation type	<input type="checkbox"/> pneumatic <input type="checkbox"/> electric <input type="checkbox"/> hydraulic <input type="checkbox"/> manual	
42	Action	<input type="checkbox"/> double acting <input type="checkbox"/> single acting Fail position <input type="checkbox"/> fail open <input type="checkbox"/> fail close	
43	Instrument air supply	bar ____ (min.) ____ (max.)	
45	Operating time required	sec. ____ (opening) ____ (closing)	
46	others		
Positioner			
50	Make	Type	
51	Inlet signal	<input type="checkbox"/> 4 - 20 mA <input type="checkbox"/> 0 - 10 V	Output signal <input type="checkbox"/> 4 - 20 mA <input type="checkbox"/> 0 - 10 V
52	Fieldbus	<input type="checkbox"/> HART <input type="checkbox"/> FF <input type="checkbox"/> Profibus PA	
53	Air piping	<input type="checkbox"/> Stainless steel (pipe) <input type="checkbox"/> Synthetic material (tube)	
54	Limit switch	<input type="checkbox"/> required	
56	others		
Solenoid valve			
60	Make	Type	
61	Design	<input type="checkbox"/> 3/2 <input type="checkbox"/> 5/2	
62	on power failure	<input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED <input type="checkbox"/> STOP (bistable)	
Endschalter			
70	Make	Type	
71	Design	<input type="checkbox"/> mechanically <input type="checkbox"/> inductive	
72	Switch position	<input type="checkbox"/> CLOSE <input type="checkbox"/> OPEN	
73	Switching function	<input type="checkbox"/> closing <input type="checkbox"/> opening <input type="checkbox"/> 2-wire <input type="checkbox"/> 3-wire	
other accessories			
80	Air set	Make Type	
81		Material <input type="checkbox"/> Synthetic <input type="checkbox"/> Aluminium <input type="checkbox"/> Stainless Steel	
82	Booster	Make Type	
83		Material <input type="checkbox"/> Synthetic <input type="checkbox"/> Aluminium <input type="checkbox"/> Stainless Steel	
84	others		
Special requirements			
90			
	date	name	signature