

HERION 96000 SERIES

Direct solenoid actuated poppet valves

2 ... 5 mm orifice (ND) 3/2, NC/NO, G1/4



Working from 0 bar up
 Short switching times
 Suited for fine vacuum down to 1,33·10⁻³ mbar
 Assembled oil and grease-free
 For a.c. solenoid systems with integrated rectifier (40 ... 60 Hz)
 These solenoid valves are ATEX and FM, CSA, XP approved

Flow direction:
 Fixed

Mounting position:
 Optional, preferably with solenoid on top

Ambient temperature:
 Depending on solenoid system
 -25, -40 ... +55, +80, +100°C

Medium temperature:
 -25 to +80°C NBR (Perbunan)
 Consult our Technical Service for use below +2°C.

TECHNICAL DATA

Medium:
 Neutral gaseous and liquid fluids

Operating pressure:
 0 ... 18 bar

MATERIALS

Body: Brass
 Seat seal: NBR
 Internal parts: Steel 1.4104, Brass

For contaminated fluids installation of an upstream filter is recommended.

Function	Port size	Orifice (mm)	Operating pressure (bar)	Flow l/min	kg	Solenoid group	Drawing no.	MODELS
<p>3/2 NC</p>	G1/4	2	0 ... 10	120	0,32	13B	(1)	9600210xxxx*****
	1/4 NPT	2	0 ... 10	120	0,32	13B	(1)	9603210xxxx*****
	G1/4	2	0 ... 18	120	0,52	13D	(1)	9600240xxxx*****
	G1/4	3	0 ... 6	200	0,32	13C	(1)	9600320xxxx*****
	1/4 NPT	3	0 ... 6	200	0,32	13C	(1)	9603320xxxx*****
	G1/4	3	0 ... 14	200	0,52	13D	(1)	9600340xxxx*****
	1/4 NPT	3	0 ... 14	200	0,52	13D	(1)	9603340xxxx*****
	G1/4	4	0 ... 8	350	0,52	16D	(2)	9601430xxxx*****
	1/4 NPT	4	0 ... 8	350	0,52	16D	(2)	9604430xxxx*****
	G 1/4	4	0 ... 10	350	0,52	16D	(1)	9601440xxxx*****
G 1/4	5	0 ... 7	450	0,52	16D	(2)	9601540xxxx*****	
<p>3/2 NO</p>	G1/4	2	0 ... 9	100	0,50	13B	(3)	9602210xxxx*****
	1/4 NPT	2	0 ... 9	100	0,50	13B	(3)	9605210xxxx*****
	G1/4	3	0 ... 9	160	0,70	13D	(3)	9602340xxxx*****
	1/4 NPT	3	0 ... 9	160	0,70	13D	(3)	9605340xxxx*****
	G1/4	4	0 ... 6	300	0,70	16D	(3)	9602440xxxx*****
	1/4 NPT	4	0 ... 6	300	0,70	16D	(3)	9605440xxxx*****

Switching function: supply port 1, 2 or 3

Function	Port size	Orifice (mm)	Operating pressure (bar)	Flow l/min	kg	Solenoid group	Drawing no.	MODELS
	G1/4	2	0 ... 7	120	0,32	13D	(1)	9600210xxxx*****
	1/4 NPT	2	0 ... 7	120	0,32	13D	(1)	9603210xxxx*****

xxxx Insert solenoid code according to solenoid group from page 3-183

***** Insert voltage codes from table below

For further information



www.norgren.com/info/en3-186

