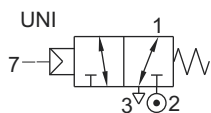


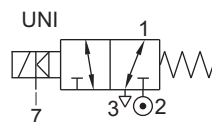
SERIES : 32P

3/2 INTERNAL PILOT OPERATED, NORMALLY CLOSED/ OPEN POPPET SOLENOID VALVE

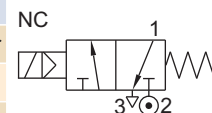
TYPE	PRESSURE
33347	0.7-10.5 bar



TYPE	PRESSURE
32347	0.7-10.5 bar



TYPE	PRESSURE
31147	0.7-10.5 bar



FEATURES

- Bubble tight shut off
- Mounts in any position
- Vibration resistance up to 9g
- Suitable for high speed cycling
- Speed up to 600 cycles/ min
- Life >10 million cycles

WETTED PARTS

Code	※	B1	B2	B5
Body	Anodized Aluminium	Anodized Aluminium	Brass	SS 316
Internals	Aluminium, Brass and SS 316	SS 316	Brass and SS 316	SS 316
Guide Assembly	SS 304			
Shadow-Ring	Copper/ Silver/ None			
Plunger, Insert	SS 430			
Spring/ Circlip	SS 302/ Steel			
Fasteners	SS 304			
Seat, Seals	NBR, Viton, F.Silicon			



AMBIENT AND FLUID TEMPERATURE

-30 °C to 75 °C

SPECIAL VERSION AND SUFFIX

Suffix : (Valve) OX, AM
Special version : (Solenoid) CO, FR, SS, LC, III

MEDIA

Air, Inert Gases

APPLICATION

Single acting actuator/ Cylinder, control valve actuation, ESD

PORT CONNECTION

FUNCTION	INLET	OUTLET	EXHAUST	PILOT EXHAUST	EXTERNAL PILOT
NC	2	1	3	6	7
NO	3	1	2	6	7

Contact Rotex for

- Any other ambient, fluid temperature, media and application
- UL listed, Listed general purpose Valve
- Media like Water, Light Oil etc.

SPARES

(Refer page 25 for ordering code)

SPARE KIT	CODE
Seal Kit : Oring Set and Plunger Assembly	98
Repair Kit : Oring Set, Plunger Assembly, Fastener, Springs, Manual Override Guide Assembly	99
Solenoid Kit : Solenoid, Gasket and Nut	34

APPROVAL

(★ applied for)

Approval	TYPE 4X, 6P	IP67	Ex d IIC T4 or T5 or T6 IP66	Ex ia IIC T6 IP67	DGMS	CCOE
		✓	✓	✓	✓	✓
		✓	✓	✓		
	✓		*			
			✓	✓		
			✓	✓		
			✓	✓		



The pressure drop at inlet port causes malfunction of the Valve. All equipment connected between the header and the inlet port should have a higher orifice kv value as compared to the solenoid Valve.

SPECIFICATION

PORT CONNECTION		PRE-SSURE bar		ORIFICE (mm)	FLOW FACTOR kv (LPM OF WATER @ 1 bar ΔP)	VALVE TYPE
SIZE	BSP(F)	NPT(F)	MINIMUM			
PILOT PRESSURE						
ALUMINIUM		BODY MATERIAL AND INTERNALS		SEALS		
ALUMINIUM + SS		NBR		Viton		
BRASS (STD. PORT NPT)		EPDM		HYTREL		
SS 316/ CF8M (STD. PORT NPT)		PTFE		NIL		
NBR		STAYPUT CUM MOMENTARY		MANUAL OVERRIDE		SOLENOID ENCLOSURE
Viton		FLYING LEAD		WEATHER PROOF		
EPDM		PLUG IN, IP67		EXPLOSION PROOF		SUFFIX
HYTREL		SQ. PLUG IN, IP67		POWER VA		
PTFE		TERMINAL BOX IP67		CONSTRUCTION REFERENCE NUMBER		
NIL		FPJB Ex d IIC, T4 OR T6, IP67				
STAYPUT CUM MOMENTARY		LARGE ENCLOSURE				
MOMENTARY		SOLENOID SIZE				
FLYING LEAD		SOLENOID SIZE				
PLUG IN, IP67		SOLENOID SIZE				
SQ. PLUG IN, IP67		SOLENOID SIZE				
TERMINAL BOX IP67		SOLENOID SIZE				
FPJB Ex d IIC, T4 OR T6, IP67		SOLENOID SIZE				
LARGE ENCLOSURE		SOLENOID SIZE				
SOLENOID SIZE		SOLENOID SIZE				
OXYGEN		SOLENOID SIZE				
AMONIA		SOLENOID SIZE				
AC INRUSH		SOLENOID SIZE				
AC HOLDING		SOLENOID SIZE				
DC		SOLENOID SIZE				

3/2 NORMALLY CLOSED

[illegible]

3/2 EXTERNAL UNIVERSAL

[illegible]

3/2 AIR OPERATED

[illegible]

Cable Entry	T	E			
		Ex d	Ex ia	Ex emb	
M20 x 1.5	19	39	87MS		58MS 58LTMS
M25 x 1.5			87		58 58LT
1/2" NPT	16	37	87NS		58NS 58LTNS

※ = Do not specify when opted for
✓ = Options available