

Engineering For The Future

2/2 DIRECT ACTING, HIGH ORIFICE NORMALLY CLOSED SOLENOID VALVE

EB

YPE	PRESSURE	TYPE	PR

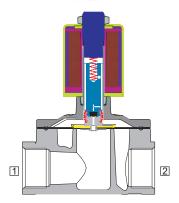
TYPE	PRESSURE	NC .
20172	0 - 10 bar	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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		•2

FEATURES

- · Bubble tight shut off
- Vibration resistance up to 9g
- Suitable for high speed cycling
- Speed up to 100 cycles/ min.
- Life >2 million cycles
- Mounting Solenoid Vertical only.

WETTED PARTS

Code		*	B2	B12						
Body		der Coated st Aluminium	Brass	CF8M						
Diaphragm		Viton, NBR,	Viton, NBR, EPDM							
Guide Asser	mbly	SS 304								
Shadow-Rin	g	Copper								
Plunger, Ins	ert	SS 430								
Spring		SS 302								
Seat, Seals		NBR, Viton, EPDM								
Fasteners		SS 304								



AMBIENT AND FLUID TEMPERATURE

-20 °C to 80 °C

SPECIAL VERSION AND SUFFIX

Suffix: (Valve) OX, AM, WO

Special version: (Solenoid) CO, FR, SS, LC

MEDIA

Air, Inert gases, Water, Free flowing liquid, Oil, Diesel, Kerosene, LPG, CNG

APPLICATION

Drain shut off

PORT CONNECTION

ACTION	INLET	OUTLET
NC	2	1

SPARES (Refer page 25 for ordering code)

SPARE KIT	CODE
Diaphragm Kit: Diaphragm Set	100
Seal Kit: Oring Set Diaphragm, Plunger Assembly	98
Repair Kit: Oring Set, Diaphragm, Plunger Assembly, Fastener, Springs	99
Solenoid Kit: Solenoid, Gasket and Nut	34

APPROVAL (* applied for)

Approval	Nema 4X	IP67	Ex d IIC T4 or T5 or T6 IP66	Ex ia IIC T6 IP67	DGMS	CCOE
F		✓	✓	✓	✓	✓
⑤		✓	✓	✓		
UL	✓		*			
GEPEL			✓	✓		
CEPEL NO ME			✓	✓		
IĒĈĒX ➡			✓	✓		

Contact Rotex for any other ambient, fluid temperature, media and application



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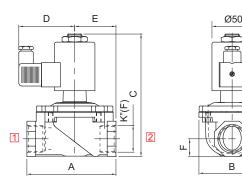
SPECIFICATION

	PORT		SSU	RE- JRE ar	_	kv bar ΔP)		RE		DY M. D INT				S	EAL	S			MANUAL OVERRIDE		SOLENOID EN WEATHER PROOF				ICLOSURE EXPLOSION PROOF			SUF	FIX	POWER VA			NN 1BER
SIZE	BSP(F)	NPT(F)	MINIMUM	MAXIMUM	ORIFICE (mm)	(LPM OF WATER @ 1 bar ΔP)	VALVE TYPE	PILOT PRESSURE	ALUMINIUM	ALUMINIUM + SS	BRASS	SS 316/ CF8M	NBR	Viton	EPDM	HYTREL	PTFE	IJ.	STAYPUT CUM MOMENTARY	MOMENTARY	FLYING LEAD	PLUG IN, IP67	SQ. PLUG IN, IP67	TERMINAL BOX IP67	FPJB Ex d IIC, T4 OR T6, IP67	LARGE ENCLOSURE	SOLENOID SIZE	OXYGEN	AMONIA	AC INRUSH	AC HOLDING	DC	CONSTRUCTION REFERENCE NUMBER
													2/2	NC	RM	ALL	Y CI	LOS	SED														
1/2"	4G	4R	0	10	12	50	20172					*	*	S2				*					25	Т	Е		18	✓	✓	30	30	30	15
3/4"	6G	6R	0	10	20	95	20172					*	*	S2				*					25	Т	Е		18	✓	✓	30	30	30	20
1"	8G	8R	0	10	25	160	20172					*	*	S2				*					25	Т	Е		18	✓	✓	30	30	30	20
11/4 "	10G	10R	0	-8	40	320	20172					×	*	S2				×					25	Ŧ			18	√	√	30	30	30	30
11/2"	12G	12R	0	8	40	350	20172					Ж	*	S2				Ж					25	Т			18	✓	\checkmark	30	30	30	30
2"	16G	16R	0	8	50	560	20172					Ж	*	S2				*					25	Т			18	✓	✓	30	30	30	30
M2	Cable Entry T E × = Do not specify when opted for																																

ORDERING CODE AND EXAMPLE VALVE + SOLENOID

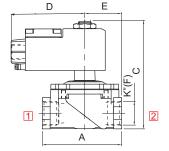
TYPE-SUFFIX-ORIFICE-PORT CONNECTION-BODY AND INTERNALS-SEAL+ SIZE - VOLTAGE - CURRENT - SOLENOID ENCLOSURE - APPROVAL - INSULATION - SPECIAL VERSION e.g. 20172-25-8G+220V 50Hz-25; 20172-12-4G-S2+24V DC-19

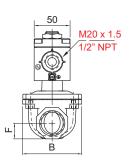
DIMENSIONS All Dimensions are in mm



SQUARE PLUG IN SOLENOID TYPE 25

NW	K (PORT SIZE)	Α	В	С	D	Е	F	CONST. REF.						
	VALVE TYPE : 24101, 24102, 24103													
12	1/2", 3/8", 1/4"	65	50	124	66	29	15	29						
20	3/4"	84	64	134	66	42	17	30						
25	1"	110	93	148	66	51	25	31						
-32	11/4"	135	94	168	68	65	30	32A						
40	11/2"	135	94	168	68	68	30	32A						
50	2"	165	140	186	66	75	38	32						





TERMINAL BOX/ Ex d LARGE ENCLOSURE, TYPE 16, 19, 37, 39, LC

NW	K (PORT SIZE)					E	F	29 30 31			
	VALVE	TYPE	Ξ : 24	101, 2	4102	, 2410	3				
12	1/2", 3/8", 1/4"	65	50	124	103	29	15	29			
20	3/4"	84	64	134	103	42	17	30			
25	1"	110	82	152	103	51	22	31			
32	11/4"	135	94	168	103	65	30				
40	11/2"	135	94	168	103	65	30				
50	2"	165	140	188	103	75	38	32			

CONTACT ROTEX BEFORE SELECTING THIS ITEM

