

3/8" CORD GRIP DIN CAP INCLUDED
FORM A, ACC. TO EN 175301-803,
ISO 4400

PILOT
PORT

PILOT
PORT

POSITION GASKET ON END OF VALVE SO
GASKET COVERS PILOT HOLE, SIDE 'B' ONLY

ALIGN PILOT AND HOLE IN GASKET, SIDE 'A' ONLY
FOR EXTERNAL PILOT OPERATION - ROTATE THE
ROUND ALUMINUM ADAPTOR 180 DEGREES. REMOVE
1/8" NPTF PLUG AND SUPPLY 50-150 PSI TO
1/8" NPTF PILOT PORT IN ADAPTOR.

NOTES:

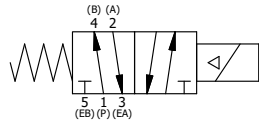
- 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
- 2) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW.

12 1/8" NPTF
PILOT PORT

1/8" NPTF
PILOT PORT

SIDE 'A'

SECTION A-A
SCALE 3/4
VIEW FROM 3 PORT SIDE



14	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
13	1	AN-115	NAMEPLATE, BLANK, FOR HE,KE,KD,RR,D,CR,PP,SR,SS VALVES
12	1	V-19	PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)
11	1	EMG3	GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES
10	4	V-584	SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP WITH MICROSPHERE APPLIED TO THREADS.
9	1	SEC3-7	PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS
8	1	V-564	SYSTEM 8 INTRINSICALLY SAFE SOLENOID OPERATOR.
7	1	SSA48-1E	ADAPTOR, END MNT SOLENOID, 1/2", 3/4" & 1" VALVE
6	1	S8	SPOOL - STANDARD, 2 POS, CLSD CTR, 3/4" & 1" VALVE
5	1	PEC48	END CAP, PILOT, 380 AL, 1/2", 3/4" & 1" VALVES
4	8	V-46	SCREW, 1/4-20 X 3/4, SOCKET HEAD CAP
3	2	ECG48	GASKET - END CAP, 1/2", 3/4" & 1" VALVE
2	6	V-30	O-RING, BUNA-N, 70 DURO, AS-220, (REF 1-3/8 X 1-5/8 X 1/8), 3/4" & 1" VALVES
1	1	B8-1	BODY, 1" SIDE PORT, UPPER PILOTS, ANODIZED
FLG	QTY	PART NO	DESCRIPTION

LIMITS ON DIMENSIONS
UNLESS
OTHERWISE SPECIFIED

2-PL DECIMAL ± .01
3-PL DECIMAL ± .005
FRACTIONAL ± 1/64
ANGULAR ± 1/2°



DRAWN: RMckenna DATE: 3/5/2015

CHECKED: KWaite DATE: 6/1/2015

SCALE: 1 : 1 SHEET: 1 OF 1

RELEASED: HWomack DATE: 6/1/2015

TITLE:
1" SIDE PORT, SNGL SOL, 2 POS,
FRICTION POS, PILOT RTRN,
INTRINSICALLY SAFE, 24VDC

PART NO.:
ESR8A 24VDC

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS PROPRIETARY TO AAA PRODUCTS AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT

D:\Engineering\product\Valve Assembly\Standard\ESR\DWG\ESR8A_24VDC.dwg