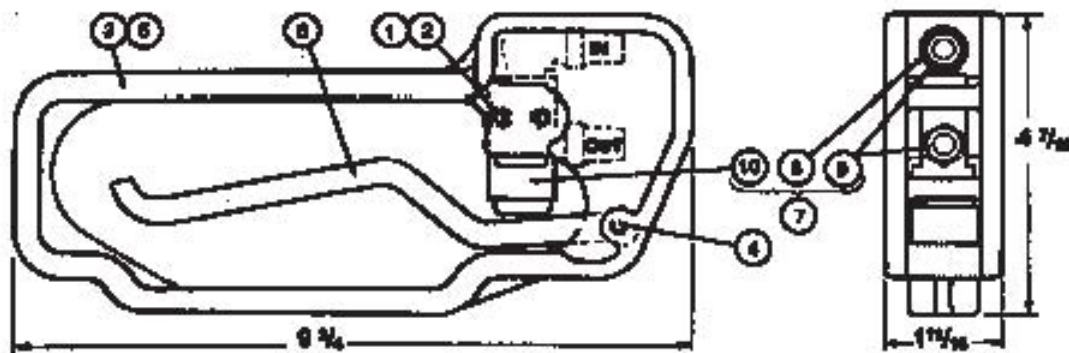


DEADMAN CONTROL ASSEMBLIES

13024KB, 13024KE-50, 13024KHC, 13024KHO

Whittaker deadman control assemblies are designed for use on aircraft refuelling trucks or carts, bottom loading installations or other applications requiring deadman control. All assemblies are "hand held." Depressing operating lever actuates a valve or switch to condition fuel system for flow startup. Releasing lever causes flow to stop.

Valve Part No.	Type Control	Connection
13024KB	Pneumatic, 3-way, normally closed	1/4" male NPT
13024KE-50	Electric, normally open	2 conductor 18-2, Type 80
13024KHC	Hydraulic, normally closed	3/8" female NPT
13024KH-O	Hydraulic, normally open	3/8" female NPT



3 WAY AIR VALVE
 270012 Exhausts
 to atmosphere

SERIAL	PART NO.	QTY.	DESCRIPTION
1	AN515-B-24	2*	Screw
2	MB20355-0320	2*	Nut
3	13024KA-1A	1	Handle & lever assy.
4	ME171500	1	Roll pin
5	13024KA-1	1	Handle
6	13024KA-2	1	Lever
7	13024KB-1-1	1*	Air valve assy.
8	2700007	1	1/8" elbow
9	2700006	2	1/8" x 1/4" nipple
10	270012-101	1	3-way air valve
11	2881058A007	1	O-ring
12	2881058A010	1	O-ring

*To eliminate the necessity of removing the Air Valve when attaching the air hoses, Item 1, 2 and 7 are supplied unattached in a separate package.

DEADMAN CONTROL ASSEMBLIES

13024KB, 13024KE-50, 13024KHC, 13024KHO

Electric deadman control

13024KE-50

SWITCH: SP-5T NORMALLY OPEN.
Totally enclosed in molded neoprene, but not explosion-proof.

CONTACT RATING: 15 amp - 125 or 250 Vac
5 amp - 12 VDC

SYMBOL	PART NO.	REQ.	DESCRIPTION
1	MS2045-175	2	Roll Pin
2	13024KE-1A	1	Handle & Lever Assy.
3	13024KE-2	1	Lever
4	13024KE-1	1	Guard
6B	Z70911E	1	Switch w/50 ft. of cable

13024KHC, and 13024KHO Hydraulic deadman control

- Loosen SE108 set screw (Item #8)
- Tighten Valve Cap (Item #12) until spool starts to hang up when depressed.
- Loosen Valve Cap slightly until spool operates freely.
- Tighten set screws.

Normally closed valve assembly illustrated above.
Dotted line show configuration of normally open spool.

SYMBOL	PART NO.	QTY.	DESCRIPTION
1	AN515-B-25	2	Screw
2	MS20995-832C	2	Nut
3	13024H-1A	1	Handle & Lever Assy.
4	MS17169B	1	Roll Pin
5	13024H-1	1	Guard
6	13024H-2	1	Lever
7A	13024H-C	1	Normally closed valve Assy.
or 7B	13024H-D	1	Normally open valve Assy.
8	SE108	1	Socket Head Set Screw

SYMBOL	PART NO.	QTY.	DESCRIPTION
9	EG108	1	Socket Head Screw
10	13024HV-1	1	Valve Body
11A	13024HV-2	1	Normally closed spool
or 11B	13024HV-2A	1	Normally open spool
12	13024HV-3	1	Valve Cap
13	13024HV-4	1	Seal Cap
14	13024HV-5	1	Retainer
15	2412A-B-2	1	Spring
16	2881058AC12	1	O-ring
17	2881058A112	2	O-ring

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