



- Explosion-proof housing to Class I, Div. 1, Group D
- 2, 4, or 6 SPDT switches
- Mounts on models 92021 or 92030 gauges
- Adapter available for field mounting

The Shand & Jurs Model 99050 Gauge Head Limit Switch Assembly

The Shand & Jurs Model 99050 Gauge Head Limit Switch Assembly contains 2, 4, or 6 cam operated switch elements in an explosion proof enclosure for Class I, Division 1, Group

D hazardous locations. One full rotation of the input shaft corresponds to full float travel for the maximum tank height on the nameplate.

SPECIFICATIONS:

Input Shaft rotation*
 *Reduction gears adapt unit to tank height

Switch Elements 2, 4 or 6 SPDT

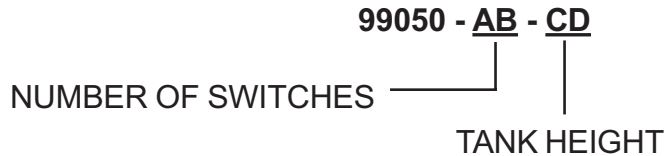
Switch Rating 5 amp @ 460V AC
 1/2 amp @ 125 V DC
 1/4 amp @ 250 V DC

Conduit Connection Threaded for 3/4" conduit

Seals A low friction seal on the input shaft blocks gases in the gauge head from entering switch, and the input shaft immediately behind the seal is vented to atmosphere.

MODEL NUMBER SELECTION:

The model number will consist of a base number 99050 followed by two 2 digit numbers which represent the options listed in the following tables.



ORDERING INFORMATION

Specify:

1. Model 99050 Gauge Head Limit Switch Assembly
2. Number of Cam Switches
3. Tank Height
4. Accessories

TABLE I - (AB) NUMBER OF SWITCHES (S.D.P.T.)

Option #	Description
01	Two (2) Limit Switches
02	Four (4) Limit Switches
03*	Six (6) Limit Switches

* 91 feet or 27.7 meters maximum tank height

TABLE II - (CD) READING CONFIGURATION & TANK HEIGHT

OPTION #	READING	Tank Height		Gear Ratio
		Feet	Meters	
01	GROUND READING	13	3.9	10-1
02	GROUND READING	19	5.7	15-1
03	GROUND READING	26	7.9	20-1
04	GROUND READING	32	9.7	25-1
05	GROUND READING	39	11.8	30-1
06	GROUND READING	52	15.8	40-1
07	GROUND READING	65	19.8	50-1
08	GROUND READING	78	23.7	60-1
09	GROUND READING	91	27.7	70-1
10*	GROUND READING	104	31.6	80-1
11	ROOF READING	13	3.9	10-1
12	ROOF READING	19	5.7	15-1
13	ROOF READING	26	7.9	20-1
14	ROOF READING	32	9.7	25-1
15	ROOF READING	39	11.8	30-1
16	ROOF READING	52	15.8	40-1
17	ROOF READING	65	19.8	50-1
18	ROOF READING	78	23.7	60-1
19	ROOF READING	91	27.7	70-1
20*	ROOF READING	104	31.6	80-1

* Maximum four (4) limit switches

ACCESSORIES	
Part #	Adapter for Mounting Limit Switch Assembly
9905-10300	To Counter Housing on 92020, 92021 or 92030 Gauge Note 1.
9905-10290	To Counter Housing on 92006 or 94154 Gauge

Mount Kit Required for 92006, 92020, 94154 and 92021 for in field mounting

NOTES:

1) Order accessories separately to mount limit switch to appropriate gauge.
When ordering with a 92030 gauge, specify on the sales order if factory mounting is desired.

2) The accessory kit is not required when ordering a 92021 gauge which was ordered with the limit switch assembly. Specify on the sales order if factory mounting is desired.