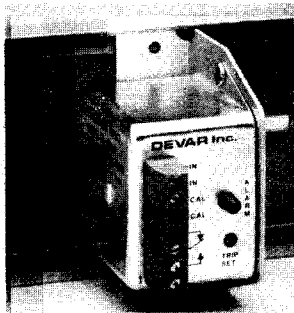


- NO EXTERNAL POWER NEEDED
- POWERED DIRECTLY FROM 4 TO 20 mA SIGNAL
- ONLY 4 VDC DROP
- 3 AMP S.P.D.T. CONTACT
- HI/LO FAILSAFE ALARM ACTION
- L.E.D. ALARM STATUS
- ADJUSTABLE HYSTERESIS
- DIP-SWITCH CALIBRATION

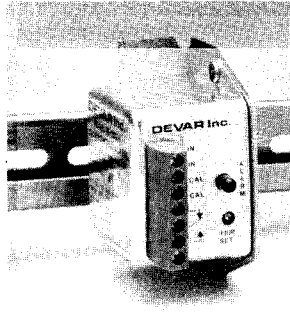
DEVARS LOOP POWERED ALARM TRIP REQUIRES NO EXTERNAL POWER TO OPERATE. IT IS POWERED DIRECTLY FROM THE 4-20 mA INPUT SIGNAL AND USES ONLY 4 VDC. A UNIQUE SET POINT FEATURE ALLOWS THE USER TO READ THE TRIP POINT SETTING ON ANY STANDARD VOLT METER WITH 0 TO 1 V EQUAL TO 0 TO 100%. A 3 AMP S.P.D.T. RELAY PROVIDES ALARM CIRCUIT SWITCHING AND A VARIETY OF PACKAGING OPTIONS ARE AVAILABLE.



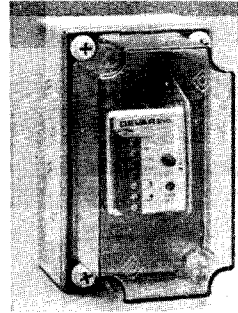
### PACKAGING OPTIONS



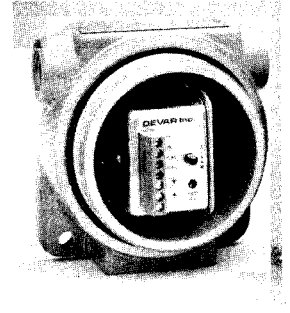
SNAP TRACK™



DIN RAIL



NEMA-4X



EXPLOSION PROOF

READ THE SET TRIP POINT AS A VOLTAGE 0 TO 100% = 0 TO 1.00 VDC

# SPECIFICATIONS

**Input:**

4 to 20 mA  
Voltage Drop 4.0 VDC @ 20 mA

**Alarm Trip Point:**

Range: 0 to 100%  
Readable as 0 to 1.00 VDC  
Signal at Terminals  
Resolution: 0.1% of Span  
Continuous on  
15 Turn Pot

Trip Pt Voltage:  $\pm 0.1\%$  Span Typ  
Representation  
of True Trip Pt

Minimum Trip Point: 2% Span

**Alarm Action:**

Hi/Lo  
DIP Switch Selectable (Fig. 2)

**Repeatability:**

0.1% Span

**Hysteresis:**

1, 2, 4, 6, 8 or 16%  
DIP Switch. Selectable (Fig. 2)

**Relay Contacts:**

Form: S.P.D.T.  
Rating: 3 AMPS @ 28 VDC or  
117 VAC Resistive

**Material:**

Fine Silver

**Breakdown Voltage:**

500 VRMS

**Life:**

1 Million Operations  
@ 1 AMP, 28 VDC

**Operation:**

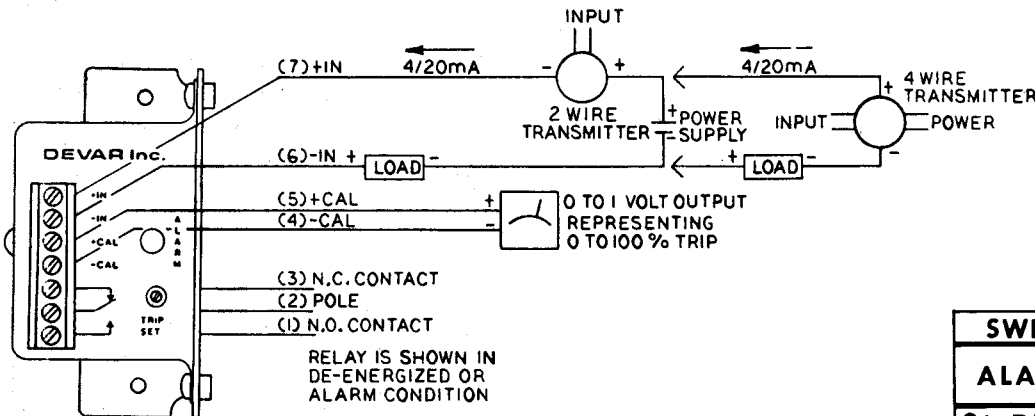
Failsafe, Coil Normally Energized,  
De-Energizes on Alarm

**Mounting:**

Supplied with bracket  
As shown in Fig. 3

**Options:**

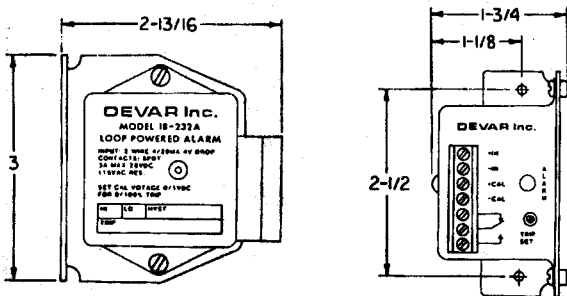
Latching Alarm (Option - L)  
Low Temp. - 40°F to 140°F (Option - T)



**FIG. 1  
WIRING DIAGRAM**

SWITCH	1	2	3	4	5	6	7	8
ALARM	HI	O	I	I	O			
	LO	I	O	O	I			
% DEAD BAND	1					I	I	I
	2					O	O	O
	4					O	O	I
ON/OFF	6					O	I	O
	8					I	O	O
	16					O	O	O

**FIG. 2  
DIP SWITCH CALIBRATION**



**FIG. 3  
GENERAL DIMENSIONS**

## DEVAR Inc.

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