

# Trip Indicator

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## Model 4054

### Overview

AMOT Model 4054 Indicator is designed to show which sensing device in a safety control system has tripped and caused the engine to shut down. The 4054 is gulfproofed to resist corrosion in seacoast atmospheres and is suitable for air, gas or oil safety control systems. Any number of Sensing Valves and Trip Indicators may be used in the safety systems.

Model 4054 Trip Indicator may be used with many AMOT sensing valves, including Temperature Valves and Pressure Valves.

This indicator is not suitable for use with sensing valves which have metal-to-metal seats or where some leakage past the seat is expected.



**Model 4054 Trip Indicator**

### Typical applications

Sensor trip indicator in pneumatic or hydro-mechanical systems.

- Engines
- Pumps
- Compressors

### Key features and benefits

- Pinpoints trouble
- Wide pressure range
- Gulfproofed aluminum construction
- For oil, gas or air pressured systems



# Trip Indicator - Model 4054

## Operation

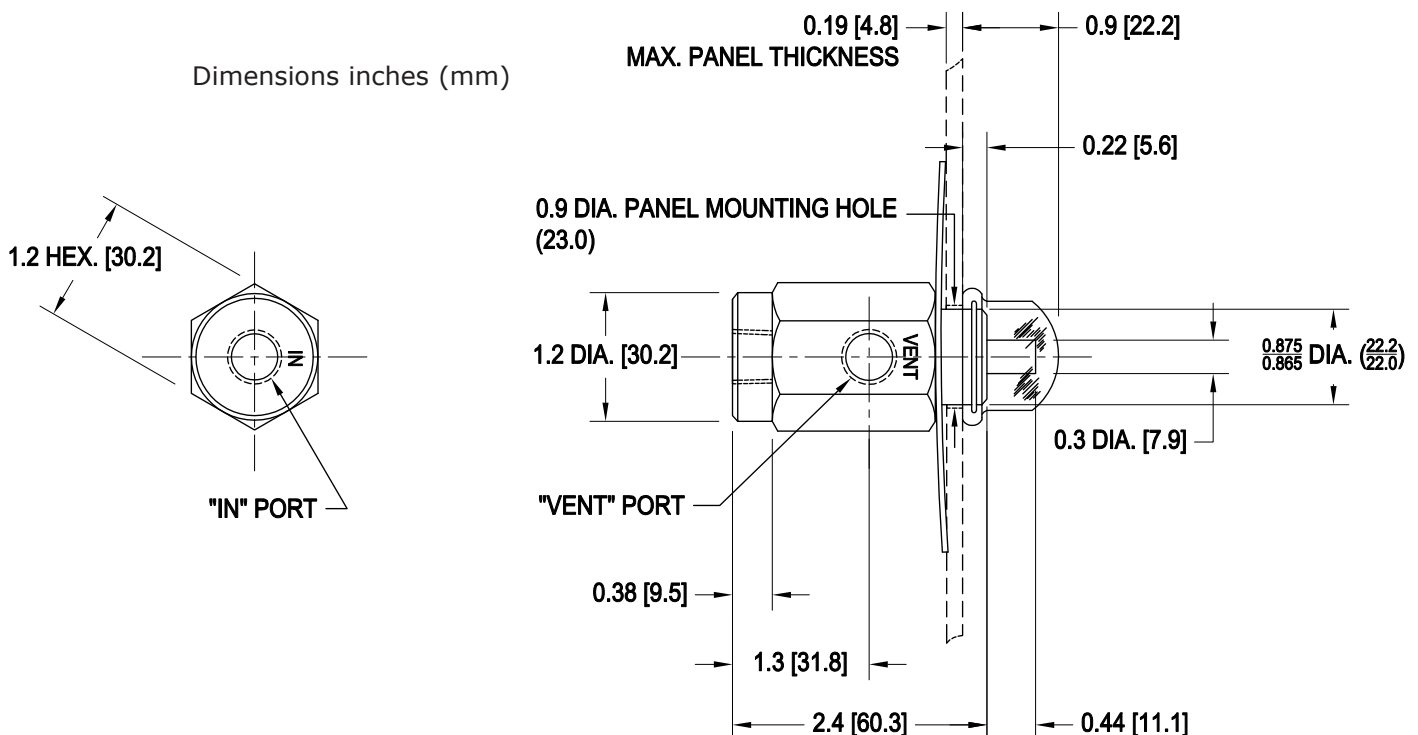
The 4054 is typically piped to the VENT port of an AMOT sensing Valve. When the sensing valve vents, the pressure forces the red shaft of the 4054 out where it can be seen. A small detent latches the shaft when fully extended, preventing reset due to vibration. The shaft is manually reset by pushing on the flexible plastic cover until the shaft is flush with the indicator face.

Because lube oil is the control medium in the typical system shown in Figure 2, there will not be direct indication when shutdown is due to low oil pressure. If there is a system shutdown and no indication it should be assumed that low oil pressure is the cause.

## Specification

<b>Body material</b>	Gulfproofed aluminium	
<b>Shaft material</b>	Stainless steel	
<b>Standard seal material</b>	Viton	
<b>Cover material</b>	Polyvinyl chloride (PVC)	
<b>Minimum operating pressure</b>	69 kPa	10 psi
<b>Maximum operating pressure</b>	550 kPa	80 psi
<b>Net weight</b>	0.11 kg	4 oz

## Dimensions

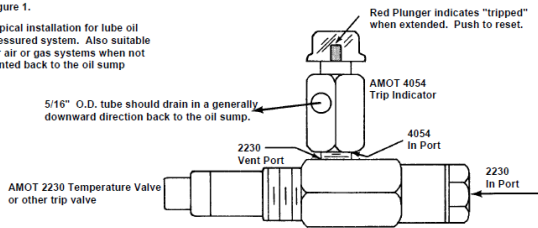


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## Installation

Figure 1.

Typical installation for tube oil pressured system. Also suitable for air or gas systems when not vented back to the oil sump.



The AMOT 4054 Trip Indicator may be connected directly to the VENT port of the AMOT sensing valve as shown in Figure 1. It may also be mounted remotely as shown in Figure 2.

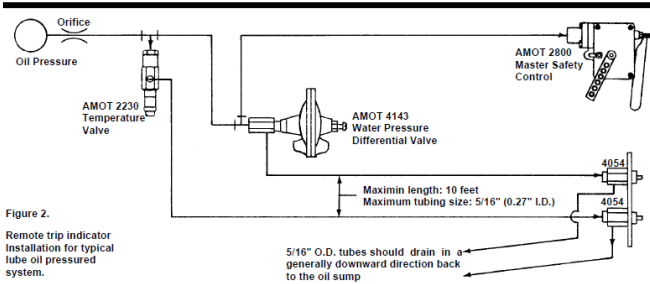


Figure 2.

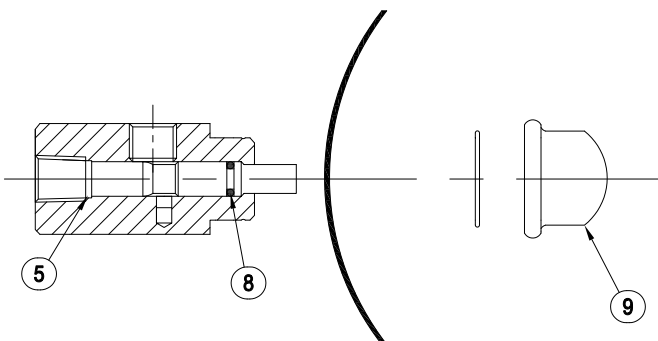
Remote trip indicator installation for typical tube oil pressured system.

## How to order

Use the tables below to select the unique specification of your Model 4054 Trip Indicator:

Example	4054C	1	B	Comments
Basic Model	4054C			Basic Model
Threads		1		1/4 NPT
		2		1/4 BSP(Tr)
Seal Material		B		Viton

## Spare parts



Ref no.	Part No.	Qty	Description
5	361L005	1	Retaining ring
8	1625L001	1	O-ring, Viton
9	40925	1	Cover

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### **WARNING**

This product can expose you to chemicals including Lead, which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).