



# Model 8254

## High Temperature Switch



### FEATURES

- VIBRATION RESISTANT
- 130° - 500°F RANGE
- UNIQUE UNION
- RUGGED DESIGN
- RAIN TIGHT HOUSING
- STAINLESS STEEL WELL
- BIMETALLIC STAKED DISK

### APPLICATIONS

- JACKET WATER TEMPERATURE
- LUBE OIL TEMPERATURE
- STEAM TEMPERATURE
- PROCESS TEMPERATURE

**VIBRATION RESISTANT** - AMOT Model 8254 High Temperature Switch are specifically designed for use on vibrating equipment such as heavy duty engine, compressor, pump and other industrial applications. They are suitable for control, safety and warning systems on both mobile and stationary engines, generator sets, irrigating and sprinkler systems, air and gas compressors, turbines, pumps, marine systems, machine tools, injection molding machines, etc.

**RANGE** - a single range, field-adjustable from 130° to 500°F (54° - 260°C).

**UNIQUE UNION** - a unique union nut connects the switch housing to the temperature sensor allowing the sensor to be installed in tight quarters or the switch to be easily swiveled to align with conduit connections. Once tightened, it provides a rigid connection between the switch and the sensor well.

**RUGGED SWITCH HOUSING** - precision cast aluminum with a baked enamel finish. Full gasket seals provide a raintight unit designed to meet Enclosure 3 requirements of NEMA 4, UL, and CSA.

**STAINLESS STEEL WELL** - suitable for immersion in most fluids and gases.

**BIMETALLIC STAKED DISK** temperature sensor permits reliable operation over a wide range of temperatures.





## MAINTENANCE

AMOT Model 8254 High Temperature Switches require practically no maintenance. Should any parts need to be replaced, the switch is easily disassembled by referring to the assembly drawing below. DO NOT FILL THE WELL WITH ANY TYPE OF HEAT TRANSFER COMPOUND.

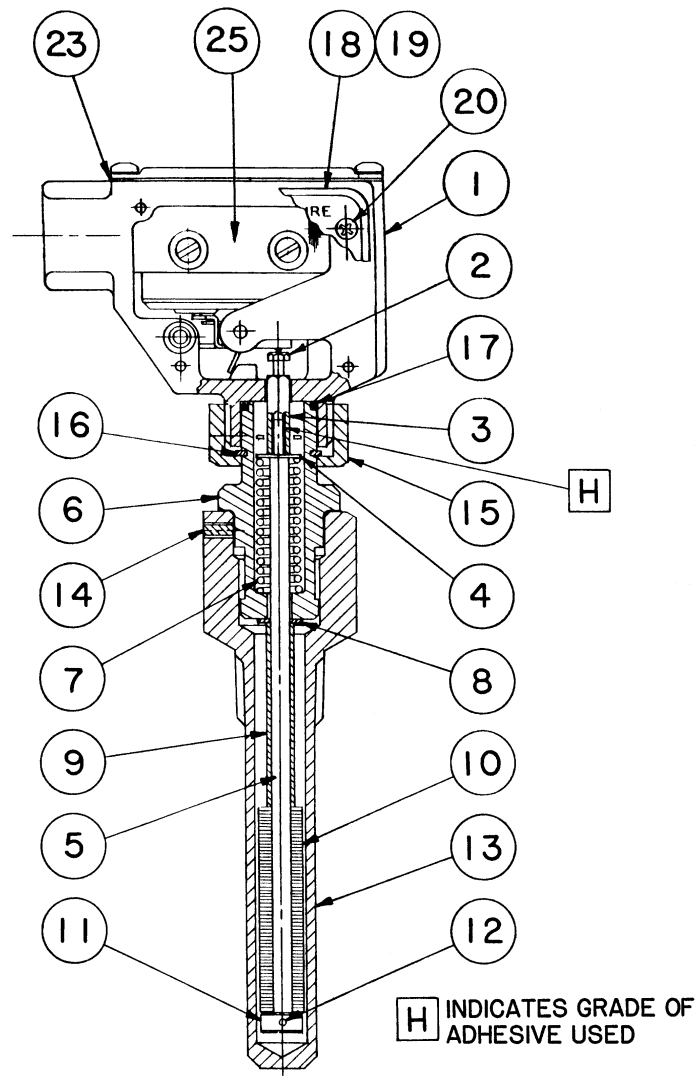
When communicating with AMOT regarding operation of a control, always give the Model No. and Serial No. If ordering service parts, also include the Description, Part No., and quantity desired. If any parts are ordered by Reference No. only, please also include the Form No., Revision No., and date of this brochure.

AMOT designs and tests all its products to ensure that high quality standards are met. For good product life, carefully follow AMOT's installation and maintenance instructions; failure to do so could result in damage to the equipment being protected or controlled.

## SERVICE PARTS

| Ref. No. | Part No.  | Qty. | Description      |
|----------|-----------|------|------------------|
| 17       | 43622L001 | 1    | O-ring           |
| 19       | 44331     | 1    | Nameplate Gasket |
| 23       | 44326     | 1    | Cover Gasket     |
| 25       | 5755      | 1    | Switch, Type K   |

This Parts List effective with Serial No. B831.



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