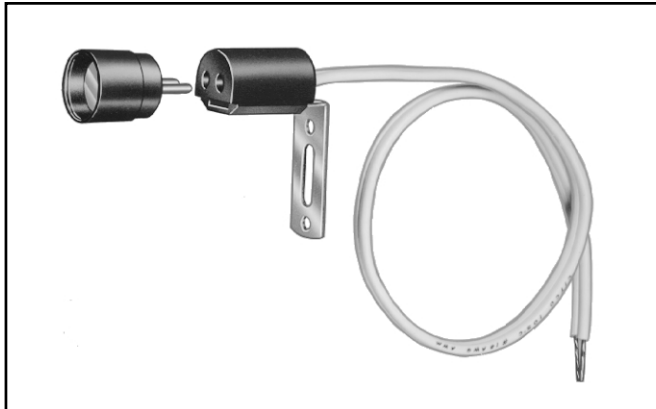


C554A Cadmium Sulfide Flame Detector

PRODUCT DATA



FEATURES

- Cadmium sulfide sensing element provides faster response than bimetal sensors.
- On flame failure, the cad cell causes the oil primary control to shut down the main burner.
- Mounting brackets available to fit all applications.
- Entire cell is hermetically sealed (glass to metal) to reduce cell deterioration by humidity, soot, or oil fumes.
- Plug-in cell for easy replacement.
- Recessed cell provides more accurate flame sighting and prevents accumulation of dirt and soot on cell face.

APPLICATION

The C554A Cadmium Sulfide Flame Detector (cad cell) is a photoconductive flame detector used with oil primary controls such as R4166, R4184, R8182, R8184, R8185, R8404 and R8991.

Contents

Application	1
Features	1
Specifications	2
Ordering Information	2
Installation	3
Operation	5
Checkout	5
Service and Replacement	5



SPECIFICATIONS

Important

The specifications given in this publication do not include normal manufacturing tolerances. Therefore, this unit might not exactly match the listed specifications. Also, this product is tested and calibrated under closely controlled conditions, and some minor differences in performance can be expected if those conditions are changed.

Models:

C554A Cadmium Sulfide Flame Detector two-wire, two-piece plug-in cell for use with oil primary controls such as R4166, R4184, R8182, R8184, R8185, R8404 and R8991.

The TRADELINE® Advantage:

SUPER TRADELINE® and TRADELINE® models offer features not available on standard models and are designed to replace a wide range of controls. SUPER TRADELINE® and TRADELINE® model specifications are the same as standard models except as noted.

SUPER TRADELINE® Features:

60 in. (1520 mm) leadwires.
Interchangeable type A,B,E,J,P brackets.
Oil line adapter bracket.
SUPER TRADELINE® pack and special installation instructions.

TRADELINE® Features:

60 in. (1520 mm) leadwires.
Type E mounting bracket.
Oil line adapter bracket.
TRADELINE® pack and special installation instructions.

Electrical:

Maximum voltage 60 Vdc or 60 Vac peak.

Ambient Temperature:

140°F (60°C) at the cell.

Dimensions:

See Fig. 1.

Mounting (see Fig. 1):

SUPER TRADELINE®: Interchangeable A,B,E,J,P brackets.
TRADELINE®: Type E bracket.
Standard: Available in all bracket types; specify when ordering.

Leadwire:

Yellow, single-molded, dual-cord, number 18 stranded wire. NEC Class 1. Varied lengths available on request.

Certifications:

Underwriters Laboratories Inc. Listed: File Number MP268, Guide Number MCCZ.
Canadian Standards Association Component Listed: File Number LR1620, Guide Number 300-1-0.2.

Replacement Part:

130367 Replacement Cad Cell.

ORDERING INFORMATION

When purchasing replacement and modernization products from your TRADELINE® wholesaler or distributor, refer to the TRADELINE® Catalog or price sheets for complete ordering number, SUPER TRADELINE® or TRADELINE® if desired.

1. Model number
2. Type of mounting bracket on standard models (Fig. 1).
3. Leadwire length on standard models.

If you have additional questions, need further information, or would like to comment on our products or services, please write or phone:

1. Your local Home and Building Control Sales Office (check white pages of your phone directory).
2. Home and Building Control Customer Relations
Honeywell, 1885 Douglas Drive North
Minneapolis, Minnesota 55422-4386

In Canada—Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Scarborough, Ontario M1V 4Z9.

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