



| WHAT'S IN THE BOX | | |
|-------------------|-----|------------------------|
| ITEM | QTY | DESCRIPTION |
| 1 | 1 | REMOTE SENSOR ADAPTER |
| 2 | 1 | REMOTE SENSOR RECEIVER |
| 3 | 1 | U-BOLT |
| 4 | 1 | ARMOR CABLE (9' LONG) |

TO ENSURE ALL INSTALLATION AND SAFETY REQUIREMENTS ARE MET, INSTALLER(S) MUST REFERENCE THE VANGUARD INSTALLATION & OPERATION INSTRUCTIONS FOR APPLICABLE WARNINGS AND DETAILS. SEE QR CODE LINKS BELOW.

INSTALLATION:

1. INSTALL THE REMOTE SENSOR ADAPTER IN THE VANGUARD SENSOR RECEIVER.
2. MOUNT THE REMOTE SENSOR RECEIVER USING PROVIDED U-BOLT OR MOUNT WITH YOUR OWN HARDWARE.
3. INSTALL THE CABLE ONTO THE REMOTE SENSOR ADAPTER AND RECEIVER BY FIRST ALIGNING THE KEYING FEATURES ON THE CONNECTOR AND THEN THREADING CLOCKWISE UNTIL HANDTIGHT.
4. INSTALL A VANGUARD FLEXSENSE SENSOR.

i THE CABLE LENGTH AND DESIGN IS LIMITED TO 9 FT (2.7 M) DUE TO THE AGENCY APPROVED INTRINSIC SAFETY RATING OF THE SENSOR. ONLY THE CABLE SUPPLIED BY UNITED ELECTRIC CONTROLS IN THIS KIT IS ALLOWED IN ORDER TO MAINTAIN AGENCY CERTIFICATION.

i REFER TO IM_TCD50 OR IM_TCD60 FOR SENSOR PLACEMENT CONSIDERATIONS.



IM_TCD50



IM_TCD60

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| ORIGINAL APPROVALS | DATE |
|------------------------------------|---------|
| DRAWN BY: A. KARLGREN | 9/24/24 |
| CHECKED BY: <i>[Signature]</i> | 9/24/24 |
| APPROVED BY: <i>[Signature]</i> | 9/24/24 |



UNITED ELECTRIC CONTROLS
LEADERS IN SAFETY, ALARM & SHUTDOWN

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THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS & TOLERANCES
ARE IN INCHES (MM)
INTERPRET PER ASME Y14.5M-2009
STANDARD TOLERANCES

| | |
|-------------|-----------|
| DECIMALS | ANGLES |
| X ± 0.03 | ± 1/2° |
| XX ± 0.01 | FRACTIONS |
| XXX ± 0.005 | ± 1/64 |

TITLE:
62169-70, VANGUARD REMOTE SENSOR KIT

| REV | ECN# | DESCRIPTION | DATE | DRWN | APPD |
|-----|-------|-------------|---------|------|--------------------|
| A | E7535 | FIRST ISSUE | 9/24/24 | ASK | <i>[Signature]</i> |

REVISION HISTORY

| | | |
|------------------|--------------------------------|---------------------------|
| SIZE A | DRAWING NO. 6271-377 | REV A |
| SCALE: 1:5 | | DO NOT SCALE THIS DRAWING |
| SHEET 1 OF 1 | | |