I'm not robot

reCAPTCHA

Continue

I'm not robot

reCAPTCHA

Continue

Honeywell 5821 pdf

Support I set up a Honeywell 5821 and T280R for freezer temp monitoring per this thread: Surety Viewing 13 posts - 1 through 13 (of 13 total) Author Posts June 23, 2016 at 10:32 pm #58625 ShawnParticipant Hi, I purchased a Honeywell 5821 Temp sensor and the T280R probe to mount in my freezer. I tried watching your video of installing the other... ADC shows "Below temp threshold", and the GC2 panel reports "freezer temperature (open)" as a triggered zone. So I don't get a "ready". It's set as 24-hr aux. My thermometer shows -3.6ºF. I did get an alarm after setting up the sensor. That was intentional to ensure that it's working. DIP switches are 1: off, 2: on. It's on loop 2. I get about 600kΩ across the terminals with the probe connected to the 5821. (Incidentally, having trouble finding the resistance specs for the T280R.) Anything else to check or change? Thanks I get about 600kΩ across the terminals with the probe connected to the 5821. (Incidentally, having trouble finding the resistance specs for the T280R.) How long since you tripped the alarm and how did youtest? Did you warm the probe well past the requirement? Be sure to check the operational expectations for that sensor. To restore, the temp will need to drop below 7 degrees for more than 4 minutes. 600kohms would indicate a temp reading slightly above what is required to reset still. This link has the T280R resistance chart. Thanks for that info, and especially the spec sheet. It looks like my sensor is slightly out of spec, but is working (for now) if I move it to the bottom of the freezer. Incidentally, the 5821 appears to go an alarm state almost immediately if the sensor wires are disconnected. That's reassuring. Looks like the T280R is a 100k NTC thermistor with a beta value of about 3800K, so substitutions shouldn't be too hard. Search our store Product Categories Technical Support Place an Order "This is the best place to buy alarm equipment on the Internet. They are knowledgeable and helpful if you run into problems." C.W. New JerseyHoneywell 5821 Wireless Temperature Sensor & Flood DetectorItem #:5821List Price:$61.00Sale Price:$55.00You Save$6 (10%)Availability: In StockPlease Note: We provide Free Tech. Support; No Sales Tax (except for Maryland residents shipping to Maryland); and Free Shipping on Orders over $100.Please Note: The temperature probe and the water sensor probe do not come with the 5821, they must be ordered separately. Honeywell's (formerly Ademco) 5821 is a versatile wireless device that can be configured to operate as either a standalone temperature sensor and/or a remote temperature sensor or flood detector. It is ideally suited for a wide range of applications including bathrooms, laundry rooms and basements. Up to 10 year battery life, which reduces user maintenance. Remote Temperature Probe available (T280R) ideal for refrigerator and freezer monitoring. Flood detection with 470PB External Probe for a wide range of applications: including bathrooms, laundry rooms and basements.Click here for Honeywell 5821 Data Sheet (PDF) T280R Remote Temperature ProbeRemote Temperature Probe is an ideal detector for refrigerators, freezers and the failure of a home heating system.470PB Flood Detection ProbeFlood detection probe for a wide range of applications to be used with a 470-12 Water Sensor: including bathrooms, laundry rooms and basements. Description PDF Documents Specifications Compatible Honeywell 5821 Product Description: The Honeywell 5821 is a 2-zone temperature sensor or flood detector. Together with the T280R it will act as a temperature probe detector. And, together with the 470PB it will act as a flood detector. The 5821 sensor can be configured to operate as either a Temperature Sensor or Flood Detector. It can only do one selected function at a time plus cold sensing, yielding two simultaneous functions maximum. When either the external temperature probe or the water sensor is used, internal heat or warm sensing is disabled. Cold room sensing operation can be used in combination with any of the other operating modes. The Honeywell T280R is a temperature probe intended for use with Honeywell 5821, T280 or TS300 sensors. The T280ZR probe is used to detect temperatures remotely from its main temperture sensor. The T280R features a resistance value of the probe at both extremes: -55C: 9,637,300 ohms. +25°C: 100,000 ohms. +50°C: 36,024 ohms. +150°C: 1,861 ohms. Accuracy: 0.2° C or 32.36°F. To mount the T280R or TS300R, it can be extended for 15' up to 300' max. using shielded 24AWG or larger cable. Insure shield is grounded for noise immunity. Any other gauge wire at any distance longer than specified can cause unpredictable results. The only difference between the TS300R and T280R is that the TS300R comes with a mounting strap and screw to secure the probe in place and T280R does not. Capable of monitoring cold (45°F) temperature and flood detection simultaneously. This transmitter operates on a 7-digit serial number and a loop number that must be programmed into a wireless zone in the control. When it senses a fault condition, it will send a fault signal to the control. Restores are handled depending on operating mode and current environmental conditions. Please keep in mind the T280R probe is water-resistant, meaning it will tolerate some water. Since, it is not waterproof, it cannot be submerged.Product Features: Five selectable temperature ranges to choose from (hot, warm, cold, refrigerate and freeze) Up to 10 year battery life, which reduces user maintenance Includes 2-zones Wireless 345MHz transmitter frequency Compatible with Honeywell 5800-Series wireless receivers and transceivers Backed by Honeywell's 2-year limited manufacturer's warranty Honeywell 5821 Product Documents: • Honeywell Home 5821 Wireless Transmitter - Data Sheet • Honeywell Home 5821 Wireless Transmitter - Installation and Setup Guide • Honeywell Home 5821 Wireless Transmitter - Testing Temperature Switch • Honeywell Home 5821 Wireless Transmitter - Simulate Water Detection Honeywell 5821 Product Specifications: Dimensions: 2.3" Height (58mm) , 5.3" (135mm) Diameter with mounting base Case Color: White Weight: 7 oz. (241 g) without battery Operating Ambient Temperature Range: 32°F to 100°F (0°C to 37.8°C) Operating Humidty Range: 15&per; to 95&per; relative humidity, non-condensing Maximum spacing: 50 ft x 50 ft UL, 30 ft x 30 ft FM (refer to National Fire Alarm Code Standard NFPA 72 for application requirements) Power Source: One 3V CR123A lithium Battery Replacement Batteries: Duracell DL123A, Panasonic CR123A, Sanyo CR123A, Varta CR123A Fixed Temperature Heat Sensor: 135°F Fixed (57°C) Agency Listings: Listed to UL standard 2075 Honeywell 5821 Product Compatibility: • 466 • 470PB • FP280 • T280R • TS300R • LYNXR-IFR • READYGD-R2 • READYGD-RI • READYGD3000 • READYGD5000 • READYGUARD-R • FA260RF • READYGUARD • READYGD5100 • READYGD5200 • READYGD7000 • 6150RF • 6150RFFR • 5800RP • 5881ENH • 5881ENHC • 5881ENL • 5881ENM • 6160RF • 5881H • 5881HC • 5881ENL • 5881ENM • 6160RF • 5881H • 5881M • 5883H • 6128RF • DESTINY-6100 • L3000-SP • L3000-FR • L3000-SIA • LYNXR • LYNXR-2 • LYNXR-2CN • LYNXR-2FR • LYNXR-2SIA • LYNXR-EN • LYNXR-ENSIA • LYNXR-I • LYNXR-ISIA • LYNXR-ISP • XL20 • LYNX • LYNXR-IFR • L5100 • L5100-SIA • L7000 • L5200 • L5200-CN • L7000-CN • 6152RF • 6162RF • 5800 • L5210 • L5210-CN • L5210LA • LYRIC CONTROLLER • LYRIC GATEWAY • LYRIC CONTROLLER CANADA • FA245RF • FA270RF • FA570RF • RGDRENSIA Q & A's : Honeywell 5821 Wireless Transmitter comments powered by Five selectable temperature ranges to choose from (hot, warm, cold, refrigerate and freeze) Remote Temperature Probe available (T280R) ideal for refrigerator and freezer monitoring Flood detection with FP280 or 470PB External Probe for a wide range of applications; including bathrooms, kitchens, laundry rooms and basements Up to 10 year battery life, which reduces user maintenance Completely wireless, which greatly reduces installation time and maximizes placement options Capable of monitoring cold (45°F) temperature and flood detection simultaneously Free shipping with no order minimum required. Restrictions apply. About This ItemWe aim to show you accurate product information. Manufacturers, suppliers and others provide what you see here, and we have not verified it. Wireless Temperature Sensor & Flood Detector, a versatile wireless device that can use different configurations Honeywell's 5821 is a versatile wireless device that can be configured to operate as either a standalone temperature sensor and/ or a remote temperature sensor or flood detector. It is ideally suited for a wide range of applications including bathrooms, laundry rooms and basements.Honeywell Ademco 5821 Wireless Temperature Leak Sensor Flood Detector"⚠ WARNING: This product can expose you to some chemicals, which is known to the State of California to cause For more information, go to www.P65Warnings.ca.gov."BrandHoneywellManufacturer Part Number5821Assembled Product Weight0.02 ozAssembled Product Dimensions (L x W x H)5.10 x 1.70 x 1.30 InchesCustomer Q&AGet specific details about this product from customers who own it.Walmart Protection PlansMost items come with a limited manufacturer's warranty. The addition of a Walmart Protection Plan adds extra protection from the date of purchase. Walmart Protection Plans cover the total cost of repair, or replacement, for products, as well as covering delivery charges for the exchange.Walmart Protection Plan options and pricing can be found on the product page, as well as in your cart. Go towww.walmart.com/protectionto see all the coverage offered for each product. You can view your Walmart Protection Plan after your purchase in the Walmart Protection Plan Hub.Product warranty:2 YearsWarranty Information:2 YearAlready purchased your product? A Walmart Protection Plan can be added within 30 days of purchase.Click here to add a Plan. webapp branch