

Where should the fiber optic sensor be connected to the power supply

Overview

Connect brown wire and blue wire to DC 24V switching power supply; connect black wire to relay 0V. After fiber optic is powered on, LED displays the current light intensity is 0. Two power lines: brown (24V), blue (0V); black signal wire; fiber core (you can buy them according to your own needs), it comes with an optical fiber bundle jacket and a fixed pedestal. Any exceptions to this rule are indicated in Safety Precautions in individual. This product complies with the following standards / regulations. Providing quick solutions for every scenario. Sensing part presence in machines, in fixtures and on conveyors is an important part of industrial automation. This is basically a diffuse type Optical Fiber with diameter of 8mm meaning of diffuse type is it has inbuilt transmitter and receiver in one Dia.

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If the Sensor and the load are connected to separate power supplies, turn ON the Sensor power before turning ON the load power. Any exceptions to this rule are indicated in Safety Precautions in ...

What Is a Fiber Sensor? A Fiber Sensor is a type of Photoelectric Sensor that enables detection of objects in narrow locations by transmitting light from a Fiber Amplifier Unit with a Fiber Unit.

Because there are no electronic components in the sensing heads, fiber optic sensors are commonly used in tight spaces, harsh environments, or simply where other sensors cannot be used.

This article focuses on specifying and applying fiber optic sensors as they provide advanced capabilities and configuration options, and are great for tight spots where a photo eye ...

	<p>Where will the sensors be installed? The sensors should be installed to be in contact with the winding's hottest spot. Fix it safely such that the winding cannot crush it if there is a sudden change in current ...</p>
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	<p>When you extend the cable, be sure the power supply voltage is 12V DC or more and use cables which have 0.3mm² or more of conductor cross-section area. However, in order to reduce noise, make the ...</p>
	<p>Connect brown wire and blue wire to DC 24V switching power supply; connect black wire to relay 0V. After fiber optic is powered on, LED displays the current light intensity is 0.</p>
	<p>Sensor Setting Guide available in all major Asian and European languages. An essential support tool for personnel configuring sensors in any country.</p>

Contact Us

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