

感應器迴路與接線圖

	一般性負載：如繼電器或其他之電阻性負載	可程式控制器接線圖
二線式(有接點)	<p>Diagram showing a two-wire sensor with contacts. The sensor is connected to a load (負載) and a power source. The brown wire is connected to the positive terminal (+) of the load, and the blue wire is connected to the negative terminal (-).</p>	<p>Diagram showing the connection of a two-wire sensor with contacts to a P.L.C. The sensor's positive terminal (+) is connected to the brown wire, which is plugged into the PLC's INPUT terminal 3. The sensor's negative terminal (-) is connected to the blue wire, which is plugged into the PLC's INPUT terminal 2. The PLC's OUTPUT terminal 1 is also connected to the blue wire.</p>
二線式(無接點)	<p>Diagram showing a two-wire sensor without contacts. The sensor is connected to a load (負載) and a power source. The brown wire is connected to the positive terminal (+) of the load, and the blue wire is connected to the negative terminal (-).</p>	<p>Diagram showing the connection of a two-wire sensor without contacts to a P.L.C. The sensor's positive terminal (+) is connected to the brown wire, which is plugged into the PLC's INPUT terminal 3. The sensor's negative terminal (-) is connected to the blue wire, which is plugged into the PLC's INPUT terminal 2. The PLC's OUTPUT terminal 1 is also connected to the blue wire.</p>
三線式(NPN)	<p>Diagram showing a three-wire NPN sensor. The main circuit (主電路) contains a diode and an NPN transistor. The load (負載) is connected between the brown wire (24V DC) and the black wire. The blue wire is connected to 0V DC.</p>	<p>Diagram showing the connection of a three-wire NPN sensor to a P.L.C. The sensor's positive terminal (+) is connected to the brown wire, which is plugged into the PLC's INPUT terminal 3. The sensor's common terminal (COM) is connected to the +24V COM terminal. The sensor's negative terminal (-) is connected to the blue wire, which is plugged into the PLC's INPUT terminal 2.</p>
三線式(PNP)	<p>Diagram showing a three-wire PNP sensor. The main circuit (主電路) contains a diode and a PNP transistor. The load (負載) is connected between the brown wire (24V DC) and the black wire. The blue wire is connected to 0V DC.</p>	<p>Diagram showing the connection of a three-wire PNP sensor to a P.L.C. The sensor's positive terminal (+) is connected to the brown wire, which is plugged into the PLC's INPUT terminal 3. The sensor's common terminal (COM) is connected to the 0V COM terminal. The sensor's negative terminal (-) is connected to the blue wire, which is plugged into the PLC's INPUT terminal 2.</p>