Bedok

Proximity Sensors

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A proximity sensor is a sensor able to detect the presence of nearby objects without any physical contact.

A proximity sensor often emits an electromagnetic field or a beam of electromagnetic radiation (infrared, for instance), and looks for changes in the field or return signal. The object being sensed is often referred to as the proximity sensor's target. Different proximity sensor targets demand different sensors. For example, a capacitive proximity sensor or photoelectric sensor might be suitable for a plastic target; an inductive proximity sensor always requires a metal target.

	- M 12 04 P - O 3	U 2
Type I Inductive C Capacitive F Metal Face Operating Voltage 1 DC10 - 30V 2 DC5 - 36V		Cable Length or Connector Pin Number Cable 2 2M 4 4M 5 5M M Connector 2 2 Pin
2 DC3 - 36V 3 DC10 - 55V 4 DC10 - 60V		3 3 Pin Pin
5 DC18 - 30V 6 DC6 - 12V 7 AC20 - 250V 8 AC/DC20 - 250V		ProtectionU With Short Circuit ProtectionL Without Short Circuit ProtectionS Short Body With Short Circuit
Housing Material C Nickel Plated Brass P Plastic S Stainless Steel Mounting F Flush N Non-Flush Series	Out	Connection 2 2 Wire 3 3 Wire 4 4 Wire 5 5 Wire P Pico Style Connectors E Euro Style Connectors M Micro Style Connectors Z Mini Style Connectors tput
 Normal Series E Easy Series Shape M Cylindrical with thread D Cylindrical smooth body 	C Off S Cha A AC I Cur V Vol	Action(N.O.) Action(N.C.) angeover(N.O. + N.C.) or AC/DC Changeable(N.O. or N.C.) rent Output Itage Output
Q Square	M Cur	rrent + Voltage Output
Dimension 3 3mm 4 4mm 5 5	Sensing Distance 0,8 0,8 mm	P PNP N NPN C DC 2 Wire Output
5 5mm 6,5 6,5mm 8 8mm	01 1 mm 02 2 mm 04 4 mm	A AC U AC/DC Mos Fet Output
12 12mm	mm	NA NAMUR