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IP65 Proximity Sensor



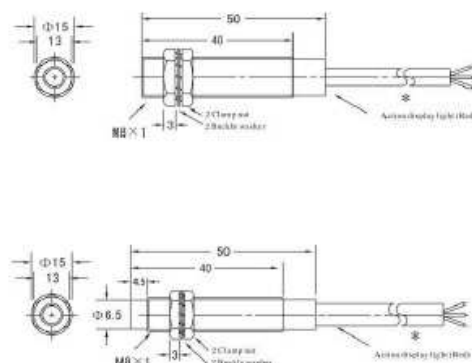
The columned can with various domestic same species directly replaced

- Power supply reversal connection protection; short-circuit protection, can directly connect with PLC
- Long service life, high reliability and strong resistance property to environment
- Red LED indicates that it's available to detect the sensor operating state
- IP65 protection structure (IEC)
- Read the "Matters needing attention" of the Product Instruction before use

● Type and

Dimension				M8	
Mounting way				Screen shield type	Non-Screen shield type
TYPE	DC TYPE	NPN	NO	LJ8A3-1-Z/BX	LJ8A3-2-Z/BX
			NC	LJ8A3-1-Z/AX	LJ8A3-2-Z/AX
			NO+NC		
		PNP	NO	LJ8A3-1-Z/BY	LJ8A3-2-Z/BY
			NC	LJ8A3-1-Z/AY	LJ8A3-2-Z/AY
			NO+NC		
		Two Wire	NO	LJ8A3-1-Z/EX	LJ8A3-2-Z/EX
			NC	LJ8A3-1-Z/DX	LJ8A3-2-Z/DX
		AC TYPE	Two Wire	NO	LJ8A3-1-J/EZ
	NC			LJ8A3-1-J/DZ	LJ8A3-2-J/DZ
	3 wire		NO+NC		
Detection distance			1.5 mm+/-10%	2 mm+/-10%	
Set distance			0~1.2mm	0~1.6mm	
Standard detection object			Iron 8*8*1	Iron 12*12*1	
Response frequency			DC:≥0.5kHz AC25Hz	DC:≥0.5kHz AC25Hz	

● External Dimension (Unit mm)



● Characteristic Parameters

Delay distance:	10% below of the detection distance
Detection object	Magnetic metal (the detection distance decreases when it is non-magnetic metal)
Supply voltage	DC type: DC12-24V(6-36V) Impulse(p-p) 10% below Ac type: AC110-220V (36-250V) 50/60Hz
Consumption current	N.P type:13mA below D type:0.8mA below A type:1.7mA below
Control output	N.P type:300 mA below D type:200mA below A type:400mA below
Loop protection	N.P.D type: reversal connection protection, surge absorption, load short-circuit protection A type: surge absorption
Ambient temperature humidity	During operation,storage: individually-30~+65(No freeze,no drew), During operation,storage: Individually35~95%RH
Insulation resistance	50 MΩ about(DC500 megameter) between charging and housing
Withstand voltage	AC1000V50/60Hz 1 min between charging and housing
Temperature influence	-30~+65C
Voltage influence	Inside+/-15%rated supply voltage range, at rated supply voltage value; Inside +/-10% detection distance
Protection structure	IP65 ICE specification
material	Housing: stainless steel; Detection surface: ABS
Cable length	1.2 Meter