

LJ8A3-2-Z-BX/AX Proximity Switch BY/AY/EX/DX/DZ/EZ PNP/NPN NO NC M8 2mm Detect distance Inductive Sensor Switch



LJ8A3-2-Z/BX: DC NPN NO 3-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-Z/BY: DC PNP NO 3-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-Z/AX: DC NPN NC 3-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-Z/AY: DC PNP NC 3-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-Z/EX: DC NO 2-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-Z/DX: DC NC2-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-J/DZ: AC NC 2-wire type 8mm diameter ; 2mm detection distance

LJ8A3-2-J/EZ: AC NO 2-wire type 8mm diameter ; 2mm detection distance

Product information				
Type		LJ8A3-2-□		
Mounting way		Non-screen shield type		
Type	DC type	NPN	NO	LJ8A3-2-Z/BX
			NC	LJ8A3-2-Z/AX
			NO+NC	
		PNP	NO	LJ8A3-2-Z/BY
			NC	LJ8A3-2-Z/AY
			NO+NC	
	Two-wire	NO	NO	LJ8A3-2-Z/EX
			NC	LJ8A3-2-Z/DX
		NC	NO	LJ8A3-2-J/EZ
			NC	LJ8A3-2-J/DZ
AC type	Two-wire	NO	LJ8A3-2-J/EZ	
		NC	LJ8A3-2-J/DZ	
		NO+NC		
Detection distance		2mm ± 10%		
Set distance		0-1.6mm		
Delay distance		10% below of the detection distance		
Detection object		Magnetic metal(the detection distance decreases when it is non-magnetic metal)		
Standard detection object		Iron12*12*1mm		
Response frequency		DC:0.5kHz AC:25kHz		
Supply voltage		DC type : DC 12-24V (6-36V) Impulse (P-P) 10% below AC type : AC 110-220V (36-250V) 50/60Hz		
Withstand voltage		AC1000V 50/60HZ 1min between charging part and housing		
Voltage influence		Inside ±15% rated supply voltage range, at rated supply voltage value, inside ±10% detection distance		
Consumption current		N.P type:13mA below, D type:0.8mA below,A type:1.7mA below		
Control output		N.P type:300mA 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°C (no freeze, no drew),During operation,storage:individually 35—95% RH		
Temperature influence		Temperature range -30—+65°C,at+23°C, ±15%detection distance		

Temperature influence	Temperature range -25—+60°C, at +23°C, ±10% detection distance
Insulation impedance	50MΩ above(DC500 megameter) between charging part and housing
Material	Housing: Nickel plated brass Detection surface: ABS
Protection level	IP67(IEC specification)



