

● Cylinder Inductive Proximity Switch Series



Dimension			Φ4(LJ4)	M5(LJ5)	Φ6(LJ6)		Φ8(LJ8)		M10(LJ10)	
Mounting way			Screen shield type	Screen shield type	Screen shield type	Non-screen shield type	Screen shield type	Non-screen shield type	Non-screen shield type	
Type	DC type	NPN	NO	LJ4A3-1-Z/BX	LJ5A3-1-Z/BX	LJ6A3-1-Z/BX	LJ6A3-2-Z/BX	LJ8A3-1-Z/BX	LJ8A3-2-Z/BX	LJ10A3-2-Z/BX
			NC	LJ4A3-1-Z/AX	LJ5A3-1-Z/AX	LJ6A3-1-Z/AX	LJ6A3-2-Z/AX	LJ8A3-1-Z/AX	LJ8A3-2-Z/AX	LJ10A3-2-Z/AX
			NO+NC							
		PNP	NO	LJ4A3-1-Z/BY	LJ5A3-1-Z/BY	LJ6A3-1-Z/BY	LJ6A3-2-Z/BY	LJ8A3-1-Z/BY	LJ8A3-2-Z/BY	LJ10A3-2-Z/BY
			NC	LJ4A3-1-Z/AY	LJ5A3-1-Z/AY	LJ6A3-1-Z/AY	LJ6A3-2-Z/AY	LJ8A3-1-Z/AY	LJ8A3-2-Z/AY	LJ10A3-2-Z/AY
			NO+NC							
	AC type	Two-wire	NO			LJ6A3-1-Z/EX	LJ6A3-2-Z/EX	LJ8A3-1-Z/EX	LJ8A3-2-Z/EX	LJ10A3-2-Z/EX
			NC			LJ6A3-1-Z/DX	LJ6A3-2-Z/DX	LJ8A3-1-Z/DX	LJ8A3-2-Z/DX	LJ10A3-2-Z/DX
		Three-wire	NO			LJ6A3-1-J/EZ	LJ6A3-2-J/EZ	LJ8A3-1-J/EZ	LJ8A3-2-J/EZ	LJ10A3-2-J/EZ
			NC			LJ6A3-1-J/DZ	LJ6A3-2-J/DZ	LJ8A3-1-J/DZ	LJ8A3-2-J/DZ	LJ10A3-2-J/DZ
			NO+NC							
Detection range			1mm±10%	1mm±10%	1.5mm±10%	2mm±10%	1.5mm±10%	2mm±10%	2mm±10%	
Set distance			0~0.7mm	0~0.7mm	0~1.2mm	0~1.6mm	0~1.2mm	0~1.6mm	0~1.6mm	
Standard detection object			Iron 5×5×1mm	Iron 5×5×1mm	Iron 8×8×1mm	Iron 12×12×1mm	Iron 8×8×1mm	Iron 12×12×1mm	Iron 8×8×1mm	
Response frequency			DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	
illustration			Chart 33	Chart 34	Chart 35		Chart 36	Chart 37	Chart 38	

Dimension			M12(LJ12)		M18(LJ18)		M24(LJ24)		M30(LJ30)		
Mounting way			Screen shield type	Non-screen shield type	Screen shield type	Non-screen shield type	Screen shield type	Non-screen shield type	Screen shield type	Non-screen shield type	
Type	DC type	NPN	NO	LJ12A3-2-Z/BX	LJ12A3-4-Z/BX	LJ18A3-5-Z/BX	LJ18A3-8-Z/BX	LJ24A3-8-Z/BX	LJ24A3-10-Z/BX	LJ30A3-10-Z/BX	LJ30A3-15-Z/BX
			NC	LJ12A3-2-Z/AX	LJ12A3-4-Z/AX	LJ18A3-5-Z/AX	LJ18A3-8-Z/AX	LJ24A3-8-Z/AX	LJ24A3-10-Z/AX	LJ30A3-10-Z/AX	LJ30A3-15-Z/AX
			NO+NC	LJ12A3-2-Z/CX	LJ12A3-4-Z/CX	LJ18A3-5-Z/CX	LJ18A3-8-Z/CX	LJ24A3-8-Z/CX	LJ24A3-10-Z/CX	LJ30A3-10-Z/CX	LJ30A3-15-Z/CX
		PNP	NO	LJ12A3-2-Z/BY	LJ12A3-4-Z/BY	LJ18A3-5-Z/BY	LJ18A3-8-Z/BY	LJ24A3-8-Z/BY	LJ24A3-10-Z/BY	LJ30A3-10-Z/BY	LJ30A3-15-Z/BY
			NC	LJ12A3-2-Z/AY	LJ12A3-4-Z/AY	LJ18A3-5-Z/AY	LJ18A3-8-Z/AY	LJ24A3-8-Z/AY	LJ24A3-10-Z/AY	LJ30A3-10-Z/AY	LJ30A3-15-Z/AY
			NO+NC	LJ12A3-2-Z/CY	LJ12A3-4-Z/CY	LJ18A3-5-Z/CY	LJ18A3-8-Z/CY	LJ24A3-8-Z/CY	LJ24A3-10-Z/CY	LJ30A3-10-Z/CY	LJ30A3-15-Z/CY
	AC type	Two-wire	NO	LJ12A3-2-Z/EX	LJ12A3-4-Z/EX	LJ18A3-5-Z/EX	LJ18A3-8-Z/EX	LJ24A3-8-Z/EX	LJ24A3-10-Z/EX	LJ30A3-10-Z/EX	LJ30A3-15-Z/EX
			NC	LJ12A3-2-Z/DX	LJ12A3-4-Z/DX	LJ18A3-5-Z/DX	LJ18A3-8-Z/DX	LJ24A3-8-Z/DX	LJ24A3-10-Z/DX	LJ30A3-10-Z/DX	LJ30A3-15-Z/DX
		Three-wire	NO	LJ12A3-2-J/EZ	LJ12A3-4-J/EZ	LJ18A3-5-J/EZ	LJ18A3-8-J/EZ	LJ24A3-8-J/EZ	LJ24A3-10-J/EZ	LJ30A3-10-J/EZ	LJ30A3-15-J/EZ
			NC	LJ12A3-2-J/DZ	LJ12A3-4-J/DZ	LJ18A3-5-J/DZ	LJ18A3-8-J/DZ	LJ24A3-8-J/DZ	LJ24A3-10-J/DZ	LJ30A3-10-J/DZ	LJ30A3-15-J/DZ
			NO+NC			LJ18A3-5-J/EDZ	LJ18A3-8-J/EDZ	LJ24A3-8-J/EDZ	LJ24A3-10-J/EDZ	LJ30A3-10-J/EDZ	LJ30A3-15-J/EDZ
Detection range			2mm±10%	4mm±10%	5mm±10%	8mm±10%	8mm±10%	10mm±10%	10mm±10%	15mm±10%	
Set distance			0~1.6mm	0~3.6mm	0~4mm	0~7mm	0~7mm	0~8mm	0~7mm	0~8mm	
Standard detection object			Iron 12×12×1mm	Iron 15×15×1mm	Iron 18×18×1mm	Iron 30×30×1mm	Iron 24×24×1mm	Iron 30×30×1mm	Iron 30×30×1mm	Iron 54×54×1mm	
Response frequency			DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	DC:0.5Hz AC:25Hz	
illustration			Chart 39	Chart 40	Chart 41	Chart 42	Chart 43	Chart 44	Chart 45	Chart 46	

Lorentzzi Proximity Sensor Order Code Explanation

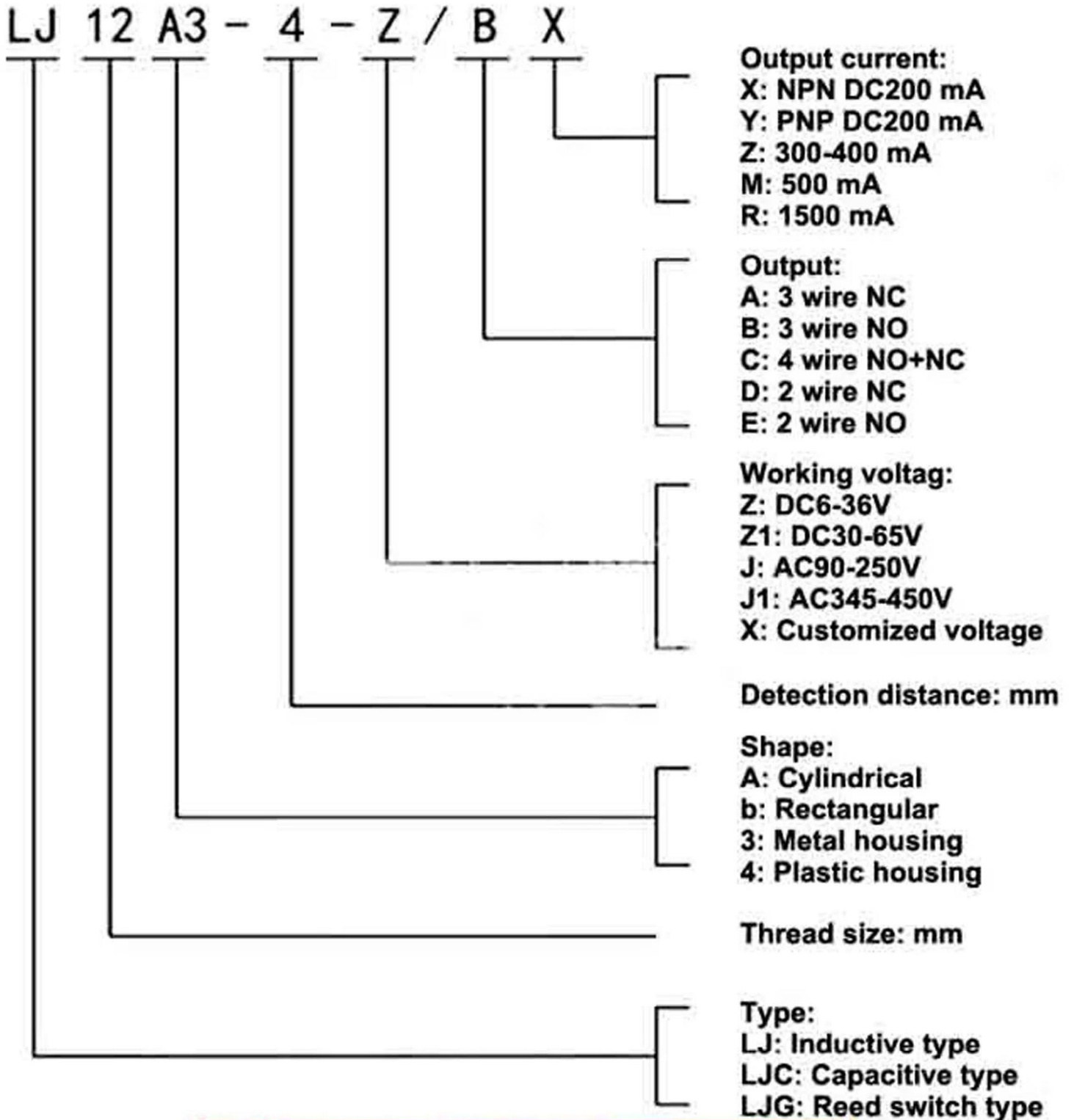


Chart 33 LJ4A3-1-□

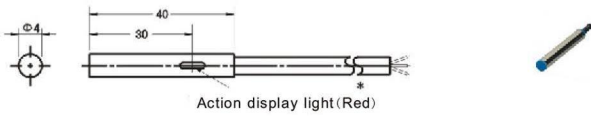


Chart 34 LJ5A3-1-□

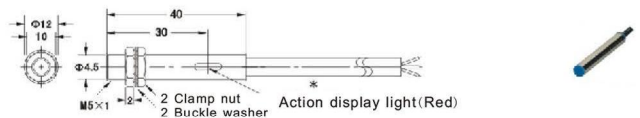


Chart 35 LJ6A3-1-□

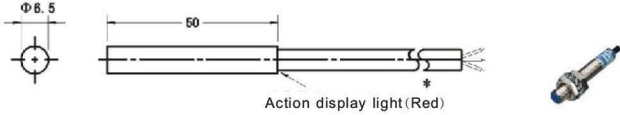


Chart 36 LJ8A3-1-□

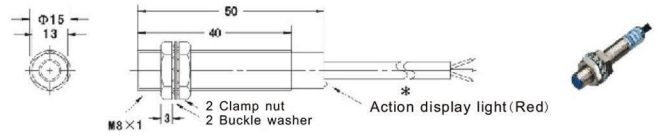


Chart 37 LJ8A3-2-□

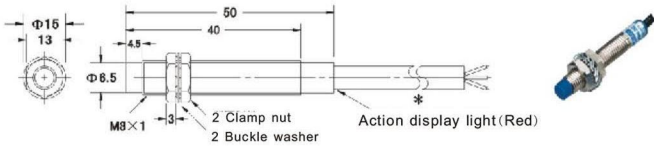


Chart 38 LJ10A3-2-□

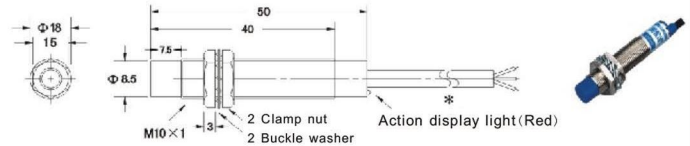


Chart 39 LJ12A3-2-□

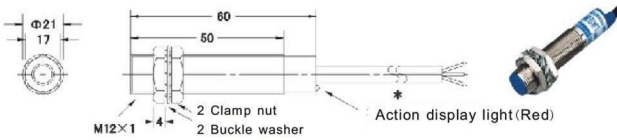


Chart 40 LJ12A3-4-□

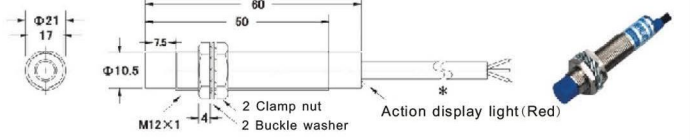


Chart 41 LJ18A3-5-□

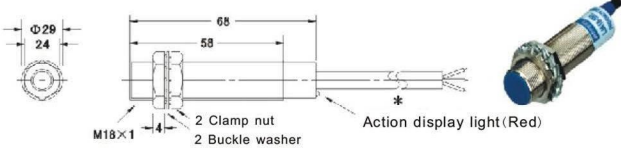


Chart 42 LJ18A3-8-□

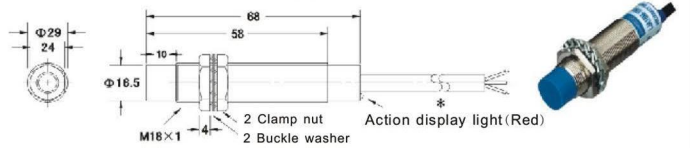


Chart 43 LJ24A3-8-□

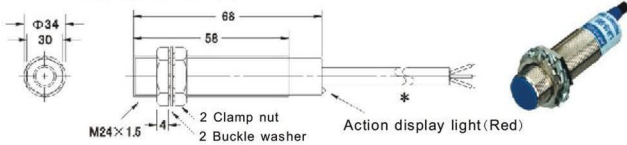


Chart 44 LJ24A3-10-□

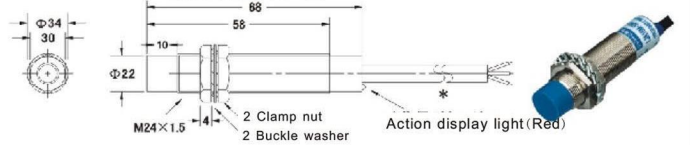


Chart 45 LJ30A3-10-□

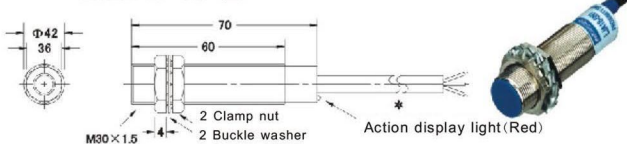


Chart 46 LJ30A3-15-□

