

Индуктивные концевые переключатели цилиндрического типа



Расшифровка обозначения (пример): LJ18A3-8-Z/BX

LJ – позиция 1, 18 – позиция 2, A3 – позиция 3, 8 – позиция 4, Z – позиция 5, B – позиция 6, X – позиция 7.

Позиция	Название	Коды и значения
1	Категория переключателя	LJ: индуктивный LJC: емкостной LJM: элемент холла LJB: взрывозащищенный LJH: имитация линейного переключателя LJH: зонд
2	Диаметр	5:5mm; 8:8mm; 12:12mm; 18:18mm; 30:30mm
3	Исполнение	A: цилиндрический A3: металлический корпус A4: пластиковый корпус
4	Дистанция детектирования	1:1mm; 5:5mm; 8:8mm; 10:10mm
5	Рабочее напряжение	Z: 6-36VDC Z1: 30-65VDC J: 90-250VAC J1: 345-400VAC
6	Нормальное состояние до переключения	B: Разомкнут (NO) A: Замкнут (NC) C: Разомкнут+Замкнут (NO+NC)
7	Выводы	X: три вывода, NPN ключ постоянного тока (DC) Y: три вывода, PNP ключ постоянного тока (DC) D: два вывода, ключ постоянного тока (DC) J: два вывода, ключ переменного тока (AC) J1: контакты реле NP: двойной выход (4 вывода) с ключами NPN+PNP

Сводная таблица параметров 1.

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							
	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	
	AC type	Two-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
		Three-wire	NO+NC							
	Detection range				1mm±10%	1mm±10%	1.5mm±10%	2mm±10%	1.5mm±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

Сводная таблица параметров 2.

Dimension				M14(LJ14)		M16(LJ16)		M20(LJ20)		M22(LJ22)	
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
	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	
	AC type	Two-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
		Three-wire	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%
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

Габаритные размеры.

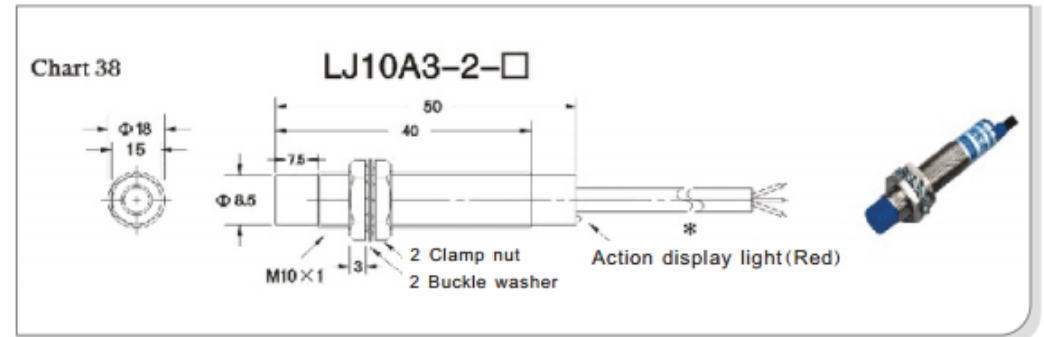
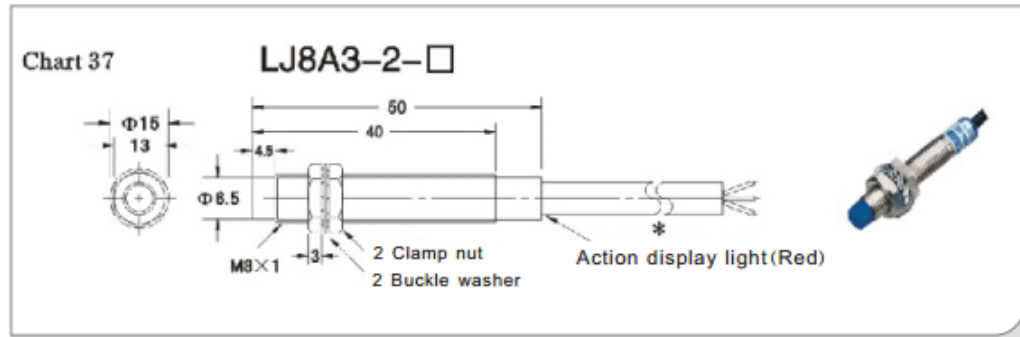
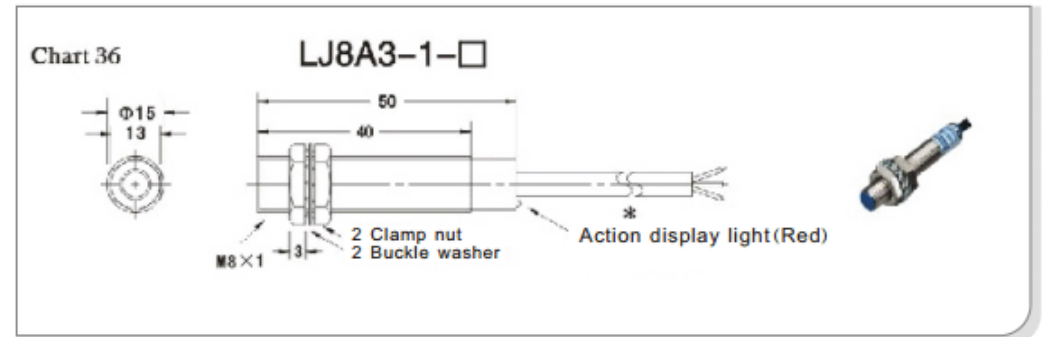
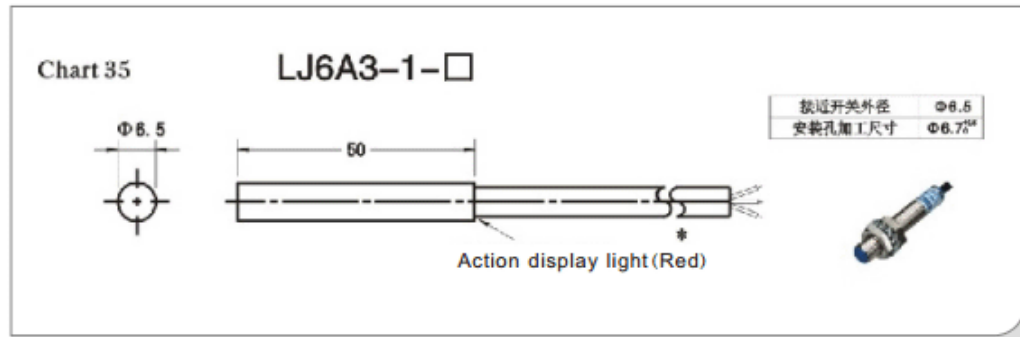
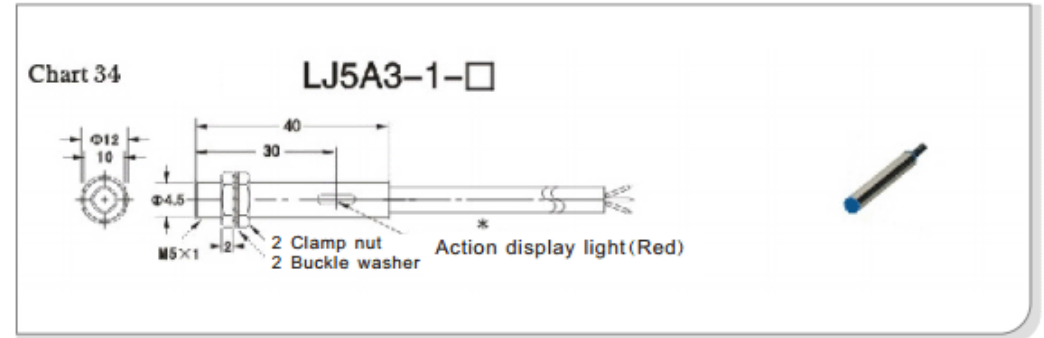
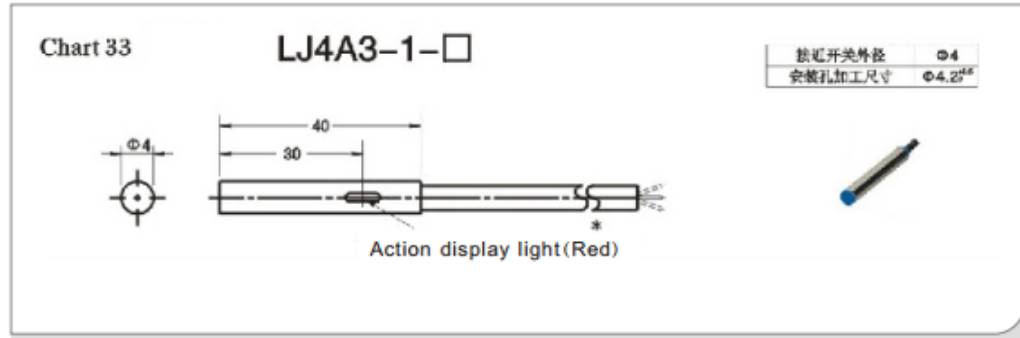


Chart 39

LJ12A3-2-□

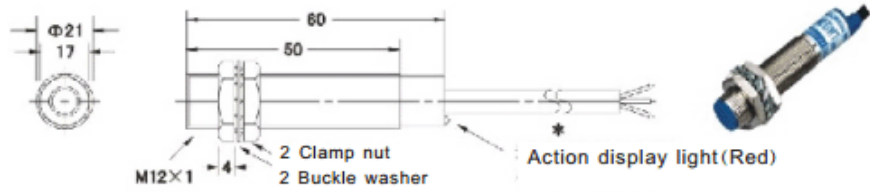


Chart 40

LJ12A3-4-□

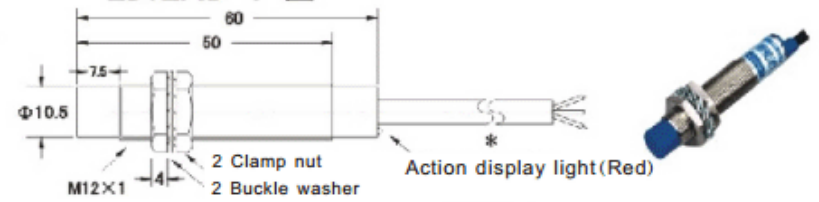


Chart 41

LJ18A3-5-□

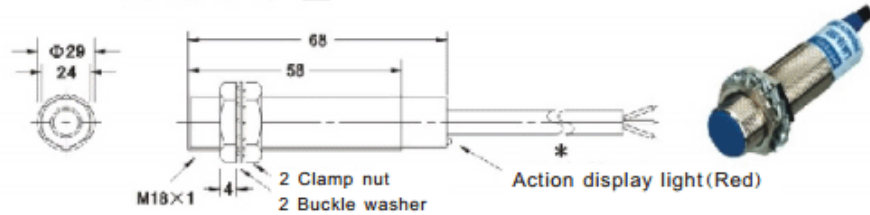


Chart 42

LJ18A3-8-□

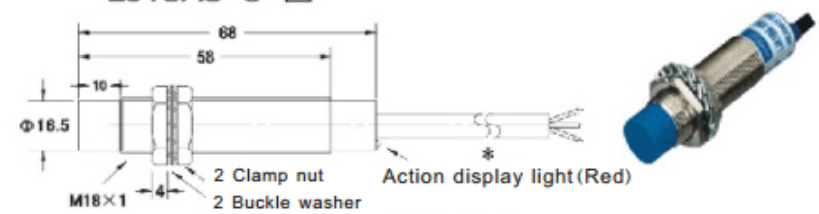


Chart 43

LJ24A3-8-□

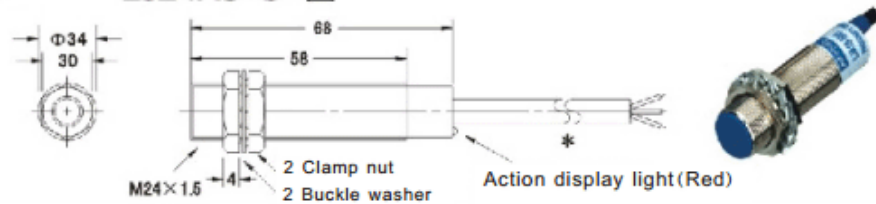


Chart 44

LJ24A3-10-□

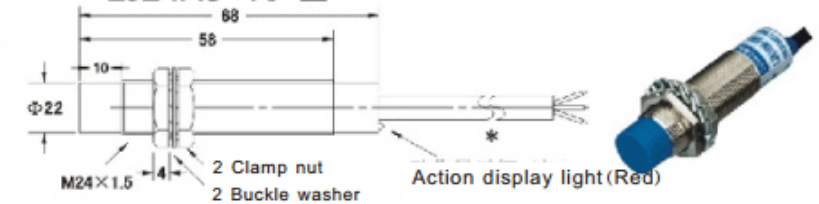


Chart 45

LJ30A3-10-□

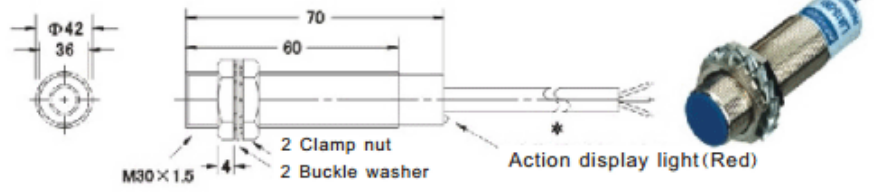
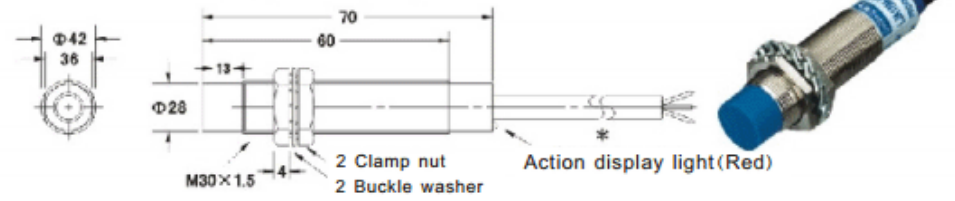
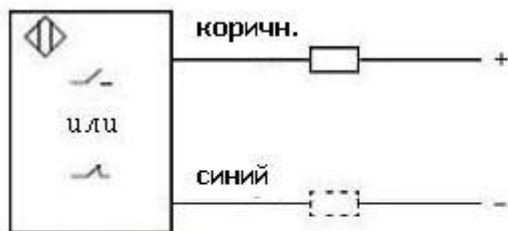


Chart 46

LJ30A3-15-□



Обозначения выводов и схемы подключения.



2 вывода (DC) NO или NC



2 вывода (AC) NO или NC



3 вывода (ключ NPN) NO или NC



3 вывода (ключ PNP) NO или NC



двойной выход (ключ NPN) NO и NC



двойной выход (ключ PNP) NO и NC