

CDJ10 Series High/Low Temperature Proximity Switches

Product selection

CD J 10 - I 2 A 18 A N - H

H: high temperature resistance;
L: low temperature resistance

N: NPN type; P: PNP type

A: NO; B: NC

Diameter: 12mm; 18mm; 30mm

A: Cylinder

1: Buried type; 2: Non-buried type

I: Inductive type

10: Design code

J: Proximity switch

CD: Enterprise Feature Code

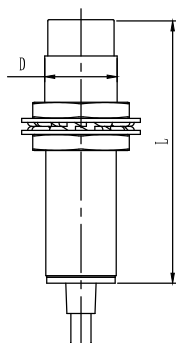


Technical parameters

Rated working voltage	DC:10V~30V; AC: 90V~250V, 50Hz or 60Hz
Rated control current	AC 2-wire system 50mA~300mA; DC 2-wire system 100mA; DC 3-wire system 200mA
Operating frequency	DC≥100Hz; AC≥5Hz
Voltage drop	AC two-wire system ≤6.5V; DC two-wire system ≤4V; DC three-wire system ≤1.5V
Current consumption	≤15mA
Leakage current	AC two-wire system ≤1.6mA; DC two-wire system ≤0.4mA; DC three-wire system ≤0.1mA
Withstand voltage	DC 500V; AC:1500V
Temperature characteristics	Low temperature resistant type: -40℃~70℃ (within ±10% of the detection distance when the change is 20℃) High temperature resistant type: -20℃~120℃ (within ±10% of the detection distance when the change is 20℃)

Detection distance	1mm~15m (depending on product model)
Return difference	Hs0.2Sr
Repeatability	R≤0.1Sr
Insulation resistance	≥20MQ (500V DC)
Earthquake capacity	10Hz~55Hz, double amplitude of 1.5mm
Protection class	IP65
Service Category	AC-140,DC-12
Short circuit protector	DZ47-60/2P 1A

Appearance and installation dimension



Specification and model	Buried type		Non-buried type		D
	L	Sensing distance	L	Sensing distance	
CDJ10-IA12 Series	58	2	60	4	M12×1
CDJ10-IA18 Series	62	5	65	8	M18×1
CDJ10-IA30 Series	65	10	69	15	M30×1.5

