



Features

Inductive proximity sensor.

Style: cylinder shape M5, M8, M12, M18, M30 various rectangular shape and protruding shape.

Shielded or unshielded type.

DC 2-wire (10-30V DC), DC3-wire (10-30V DC), DC-4Wire (10-30V DC), AC 2-wire (90-250V AC) type.

Connection Mode: 3 or 4 wires or 3 or 4 pin M8 or M12 connector.

With LED operation indicator, easily identifiable.

Brass nickle plated, proof of oil, water acid, alkaline.

Standard sensing object: inductive sensor: ferrous metals;

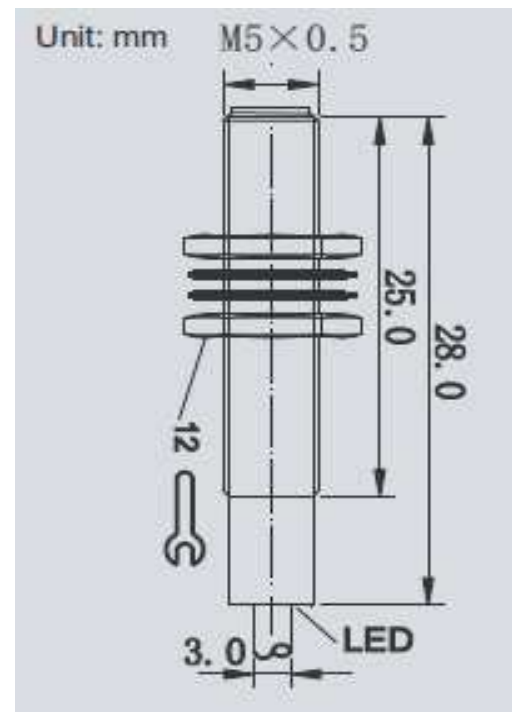
capacitive sensor: metal or non metals objects.

Protection IP-rate: IP67, water resistant:

Over-load and short circuit protection; polarity reversal protection.

Widely applied in measuring, Counting, RPpm measuring in mechanismus, chemical paper manufacture light industry, etc.

Technical Dimension



INDUCTIVE Proximity Sensor

Part No.: **25A1036**

Customer:

DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009
APPD:	Johnson			FINISH	Jamy		Sheet No.	1 from 5	

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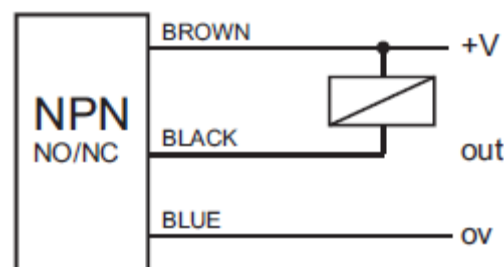


Technical Discription

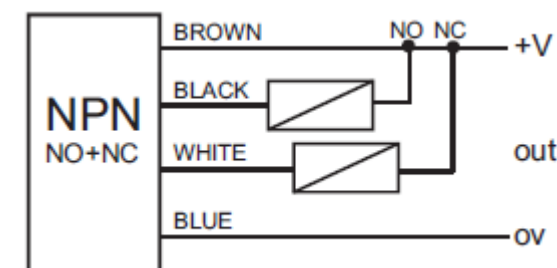
Dimension :	M5x0,5
Installation	Flush (shielded)
Mounting Distance Sn	1,0mm
Detect distance Sa	0 - 0,8mm
Rated Operating Voltage	24 VDC
Supply Voltage	10 ~ 30VDC
Voltage Drop	≤ 2V
Rated Insulation Voltage	≥ 20M Ω
Load current capacity	100mA
Off-state current (NPN/PNP)	≤ 15mA
Leak current	≤ 20μA
Against polarity reversal	YES
Short circuit protected	YES
Load capacity	≤ 1μF
Repeated accuracy	≤ 5%
Ambient temperature range	.-25°C ~ +70°C
Operating frequency	2000Hz
Function indication	RED Led Indicator
IP ratings	IP67
Housing Material	Brass nickel plated ABS Housing MOQ on request
Material of sensing face	ABS
Connection	Wires
No of wires & gauge	9x0,12mm
Standard length of cable	2M
Plug-in connector	NO
Approvals	CE

Connection Mode

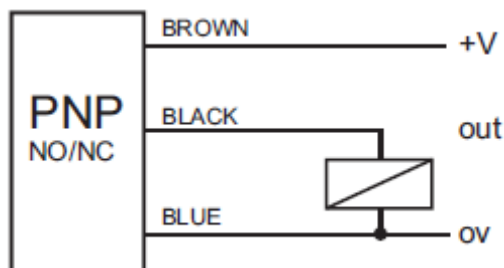
Output Code A or B



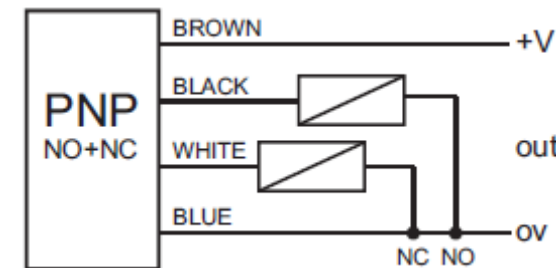
Output Mode Code E



Output Mode Code C or D



Output Mode Code F



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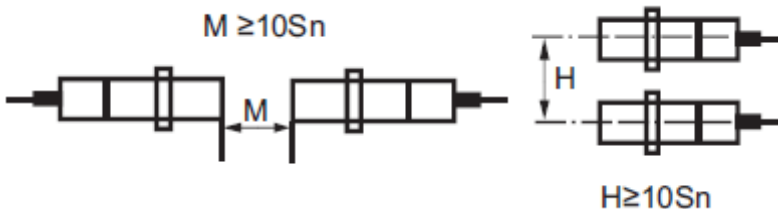
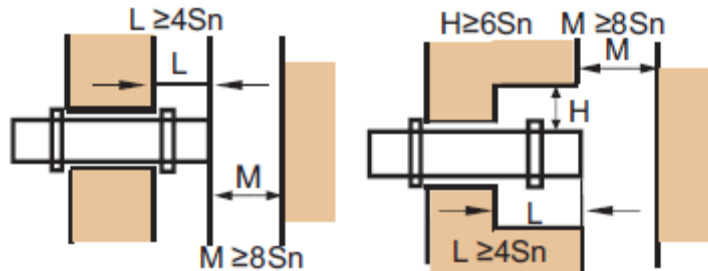


Inductive Proximity Application Direction

A: Mounting distance should be set equal 80% SN.

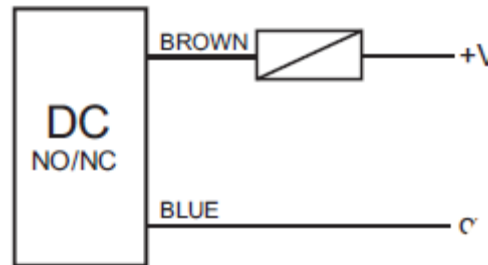
B: Set mounting distance equals 50% sn,when sensor applies in measuring mounting frequency or operating in high speed circumstance:

C: Mounting distance varies with measuring object (iron, stainless steel, brass, copper and aluminium).

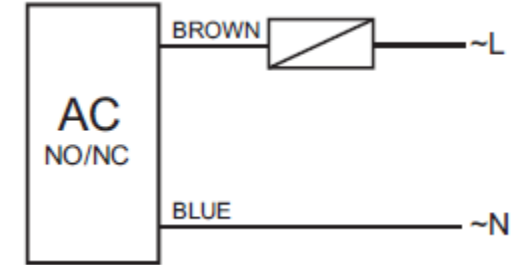


Connection Mode

Output Mode Code G or H



Output Mode Code J or K



INDUCTIVE Proximity Sensor

Part No.: **25A1036**

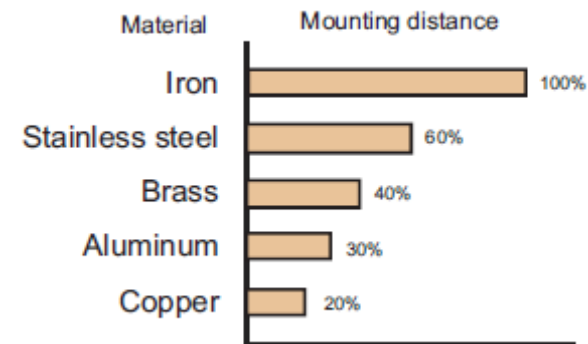
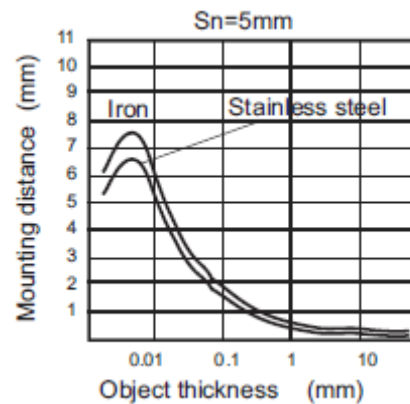
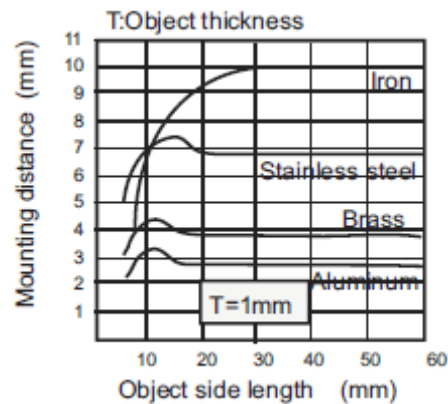
Customer:

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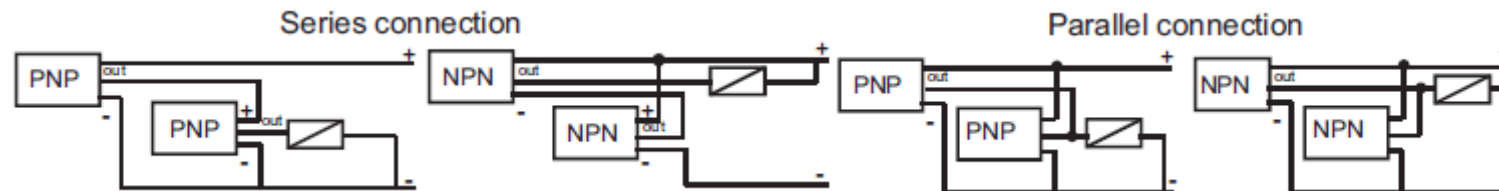
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Mounting distance



D: Inductive Proximity series connection and parallel connection.



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Customer: email: info@edcon-components.com

www.edcon-components.com

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Ordering Informations

Serie	Connector	Connector Size	Zylinder Size	Output Mode	Detect Distance	Output Current	Body Sensor Length	Housing	Cable length	
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25A1036	A	X	M05	A	01	A	L	B	2001	
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A= Cable	X= without connector	M05= M5x0,5	A= NPN-NO	01= 1mm	A= 100mA	L= Large Sensor	B= Brass Housing	0000= without Cable
			B= NPN-NC				A= ABS Housing MOQ on request	2001= Standard Cable length is 2000mm other length available please fill in
			C= PNP-NO					
			D= PNP-NC					

For special request of sensors (e.g. 24V AC appearance, function), please indicate when order.

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