Code

**Features** 

Style: cylinder shape M5, M8, M12, M!8, M30 various rectangular

DC 2-wire (10-30V DC), DC3-wire (10-30V DC), DC-4Wire

Standard sensing object: inductive sensor: ferrous metals;

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

Over-load and short circuit protection; polarity reversal

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

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

With LED operation indicator, easily identifiable. Brass nickle plated, proof of oil, water acid, alkaline.

capacitve sensor: metal or non metals objects. Protection IP-rate: IP67, water resistant:

## **EDCON-COMPONENTS**



Inductive proximity sensor.

shape and protruding shape. Shielded or unshielded type.

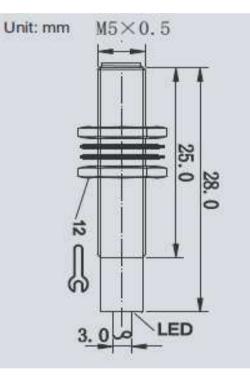
connector.

protection.





#### **Technical Dimension**



										INDUCTIVE Proximity Sensor		
										Part No.:	25A1036	
DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customer:		
APPD:	Johnson			FINISH	Jamy		She	et No.	1 from 5	Cusionier.		

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Technica	I Discription		Connection Mode								
Dimension :	M5x0,5										
Installation	Flush (shielded)			Output Code	Output Mode Co	ode E					
Mounting Distance Sn	1,0mm										
Detect distance Sa	0 - 0,8mm			BROWN							
Rated Operating Voltage	24 VDC				+V			BROWN	NO NC +V		
Supply Voltage	10 ~ 30VDC			Г			.				
Voltage Drop	≤ 2V		NPN	BLACK							
Rated Insulation Voltage	≥ 20M Ω		NO/NC	BLACK	out				out		
Load current capacity	100mA		1 1								
Off-state current (NPN/PNP)	≤ 15mA		1 L	BLUE	ov		I I.				
Leak current	≤ 20µA				0.		- I - I'	BLUE	OV		
Against polarity reversal	YES										
Short circuit protected	YES										
Load capacity	≤ 1µF		0	utput Mode Co		Output Mode C	ode F				
Repeated accuracy	≤ 5%										
Ambient temperature range	25°C ~ +70°C			BROWN		BROWN	+V				
Operating frequency	2000Hz				+V		1 [				
Function indication	RED Led Indicator						PNP	BLACK			
IP ratings	IP67		1 · · · · F	BLACK	out						
Housing Material	Brass nickel plated		NO/NC	Г			NO+NC	WHITE	out		
	ABS Housing MOQ on		1 1								
	request			BLUE	ov			BLUE	ov		
Material of sensing face	ABS								NC NO		
Connection	Wires							r			
No of wires & gauge	9x0,12mm								/E Proximity		
Standard length of cable	2M								ensor		
Plug-in connector	NO										
Approvals	CE							Part No.:	25A1036		
DRW: Jimmy	CHKD Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customer:			
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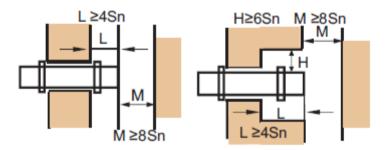
**Connection Mode** 

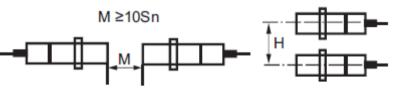
### **Inductive Proximity Application Direction**

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 circumdistance:

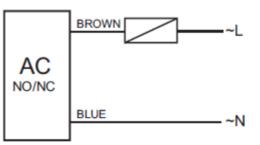
C: Mounting distance varies with measuring object (iron, stainless steel, brass, copper and aluminium).





DC NO/N

## Output Mode Code J or K



(	Dutput Mode Code G or H
	BROWN +V
50	
	BLUE

•	H≥10Sn	

**INDUCTIVE Proximity** Sensor Part No · 2541036

										Turt No	23A1030
DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customor	
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#### **Mounting distance** T:Object thickness Sn=5mm 11 11 Mounting distance (mm) Mounting distance 10 Material 10 Mounting distance (mm) Iron 9 9 Stainless steel Iron 8 Iron 100% 8 7 7 Stainless etool Stainless steel 6 6 60% 5 5 Brass Brass 4 40% 3 3 Aluminum 2 2 30% T=1mm Copper 20% 20 30 10 40 50 60 0.01 0.1 1 10 Object side length (mm) Object thickness (mm) D: Inductive Proximity series connection and parallel connection. Series connection Parallel connection NPN out PNP PNP NPN PNP PNP NPN NPN

										_	VE Proximity ensor
										Part No.:	25A1036
DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customer:	
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## **Ordering Informations**

Serie	Connector	Connector	Zylinder Size	Output Mode	Detect	Output	Body Senso	r Housing	Cable leng	th
		Size			Distance	Current	Length			
25A1036	Α	X	M05	Α	01	Α	L	В	2001	
	A= Cable	X= without connector	<b>M05</b> = M5x0,5	<b>A</b> = NPN-NO	<b>01</b> = 1mm	<b>A</b> = 100mA	<b>L</b> = Large Sensor	<b>B</b> = Brass Housing	<b>0000</b> = withou Cable	ut
				<b>B</b> = NPN-NC				<b>A</b> = ABS Housing MOQ	<b>2001</b> = Standard	
				<b>C</b> = PNP-NO				on request	Cable length 2000mm oth	
		-		<b>D</b> = PNP-NC					length available	
			-						please fill in	
			-							
										NDUCTIVE Pr
	For specia	I request of se	nsors (e.g. 24V	AC appearan	L ce, function).	L please indica	ate when order.			Sensor
									Pa	art No.: 25
		HKD E			lson TOLE	RANCE			8.2009 Cus	tomer:
APPD:	Johnson		FIN	IISH Ja	amy		Sheet No.	5 fr	om 5	

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