#### Code

### **EDCON-COMPONENTS**

REACH



Features

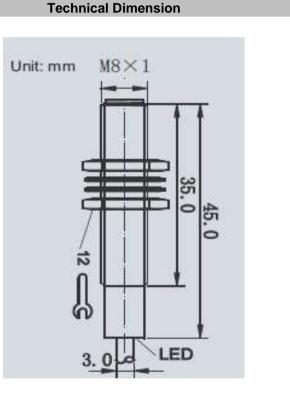
Inductive proximity sensor.

Style: cylinder shape M5, M8, M12,M!8,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; capacitve 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.





										INDUCTIVE Proximity Sensor		
										Part No.:	25A1001	
DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customor		
APPD:	Johnson			FINISH	Jamy		Shee	et No.	1 from 5	Customer:		

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								•				
<b>D</b> : :	Technic	cal Discriptio	n					Connection	Mode			
Dimension :		M8x1	(-1.1.1				A D	_				
Installation	0		(shielded)			Output Code	A or B			Output Mode C	Jode E	
Mounting Dist		1,0mm										
Detect distance		0 - 0,9				BROWN	+V			BROWN	NO NC	
Rated Operat	0 0	24 VD							1 F	BROWN	+V	1
Supply Voltag	е	10 ~ 3	OVDC		NPN						7	
Voltage Drop		≤ 2V	0		NO/NC	BLACK	out		NPN			
Rated Insulati		≥ 20M			NU/NC		- Out			WHITE	out	t
Load current of		200m/				D1115						
	ent (NPN/PNP)					BLUE	ov			BLUE		
Leak current		≤ 20µ/	4								OV	
Against polari	•	YES										
Short circuit p		YES	_					_				
Load capacity		≤ 0,5µ	F		C	output Mode Co	ode C or D			Output Mode (	Jode F	
Repeated acc		≤ 5%	. 70%									
Ambient temp	-		~ +70°C			BROWN	+V			BROWN	+\	v
Operating free		1,5k ~			1 1						_	
Function indic	ation		ed Indicator		PNP	BLACK			PNP	BLACK		
IP ratings		IP67			NO/NC	BLACK	out		NO+NC			ut
Housing Mate	rial		nickel plated			Г						
			lousing MOQ	Dri	1 1	BLUE				BLUE	-	
Motorial of an	anian fana	reques ABS	51			BLUE	ov			BLOL	O\	<b>V</b>
Material of se	nsing lace	-									NC NO	
Connection	~~~~~	Wires										
No of wires &	0 0	9x0,12	211111							INDUCT	VE Proximity	/
Standard leng		2,0M NO								S	ensor	
Plug-in conne Approvals	CIOI	CE								Part No.:	25A1001	
DRW:	Jimmy		Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009		23A 1001	
APPD:	Johnson	CHKD	Ddll	FINISH	Jamy	IULERANCE	Shee		2 from 5	Customer:		
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DRW:

APPD:

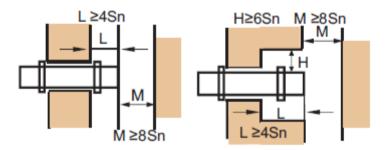
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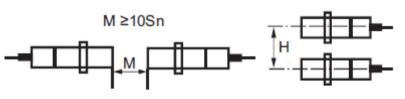
#### Inductive Proximity Application Direction

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 circumdistance:

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





CHKD

Jimmy

Johnson

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H≥10Sn

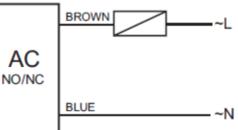
MATL:

FINISH

Ban

Output Mode Code G or H

### Output Mode Code J or K



or H		Output Mo
+V	AC NO/NC	BROWN
~		BLUE

**Connection Mode** 

	email: inf

DATE

10.08.2009

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**INDUCTIVE Proximity** 

Sensor

25A1001

Part No.:

Customer:

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TOLERANCE

Mason

Sheet No.

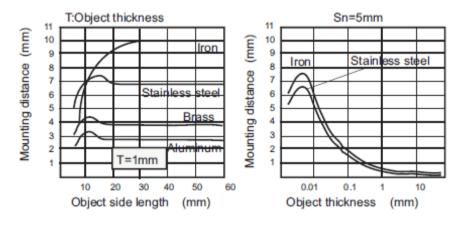
Wilson

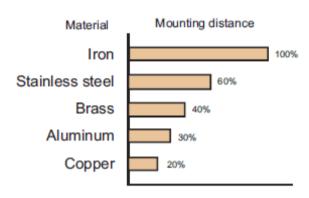
Jamy



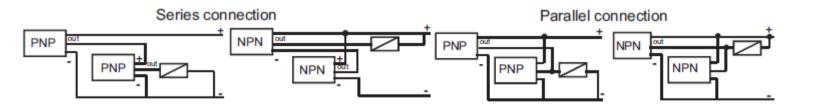


### **Mounting distance**





#### D: Inductive Proximity series connection and parallel connection.



											/E Proximity ensor
										Part No.:	25A1001
DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customer:	
APPD:	Johnson			FINISH	Jamy		Shee	t No.	4 from 5	Customer.	
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#### **Ordering Informations**

Serie	Connec	tor Connecto	r Zulindor Si	ze Output Mod	Detect	Outpu	t Body Sensor	Housing	Cable len	ath
Selle	Connec	Size	Zylinder 312		Distance	Curren	nt Length	ribusing		gui
25 4 4 0 0 4		v	MOO	•	04				2004	
25A100 <sup>2</sup>		X	M08	Α	01	В	L	В	2001	
	A= Cable	X= without connector	<b>M08</b> = M8x1	<b>A</b> = NPN-NO	<b>01</b> = 1mm		L= Large Sensor	<b>B</b> = Brass Housing	<b>0000</b> = with Cable	out
				<b>B</b> = NPN-NC		<b>B</b> = 200mA		<b>A</b> = ABS Housing MOQ	<b>2001</b> = Standard	
				<b>C</b> = PNP-NO				on request	Cable lengt 2000mm ot	
				<b>D</b> = PNP-NC					length available	
									please fill in	1
		L	]							
				<b>G</b> = DC2 Wire	9	-				
				H= DC2 Wire	2	_				
				NC	, 					
						1				INDUCTIVE Pr
	For spe	ecial request of s	ensors (e.a. 24	V AC appeara	ance, function)	 please indic	cate when order.			Sensor
	1 01 000		6			p.0000 mult			F	Part No.: 2
DRW:	Jimmy	CHKD	Ban N	IATL: V	Vilson TOL	ERANCE	Mason DA	ATE 10.08	8.2009	
APPD:	Johnson		F	INISH	Jamy		Sheet No.	5 fr	om 5	stomer:

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