Code

EDCON-COMPONENTS

REACH



Features

Inductive proximity sensor.

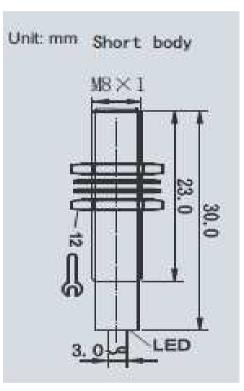
Style: cylinder shape M5, M8, M12,M!8,M30 various rectangular shape and protruding shape.
Shielded or unshielded type.
DC 2-wire (10-30V DC), DC3-wire (10-30V DC), DC-4Wire (10-30V DC), AC 2-wire (90-250V AC) type.
Connection Mode: 3 or 4 wires or 3 or 4 pin M8 or M12 connector.
With LED operation indicator, 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.



Technical Dimension



											/E Proximity ensor
										Part No.:	25A1003
DRW:	Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customer:	
APPD:	Johnson			FINISH	Jamy		Shee	Sheet No.		Customer.	

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email: info@edcon-components.com

ROHS Lead Free

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	nnical Discriptio	n					Connection	Mode		
Dimension :	M8x1									
Installation		(shielded)			Output Code	A or B			Output Mode O	Code E
Mounting Distance Sn	1,0mn									
Detect distance Sa	0 - 0,9				BROWN	+V				
Rated Operating Voltage	24 VD	-		1 1	_				BROWN	NO NC +V
Supply Voltage	10 ~ 3	BOVDC			ſ					
Voltage Drop	≤ 2V			NPN	BLACK	\leq				
Rated Insulation Voltage	≥ 20M	Ω		NO/NC	DENOR	out	OUT NO+NC WHITE			out
Load current capacity	100m/	A								
Off-state current (NPN/Pl	NP) ≤11m	A			BLUE	ov		BLUE		
Leak current	≤ 20µ/	A							BLUE	OV
Against polarity reversal	YES									
Short circuit protected	YES									
Load capacity	≤ 0,5µ	ıF		0	utput Mode Co	de C or D			Output Mode	Code F
Repeated accuracy	≤ 5%									
Ambient temperature ran	ge25°C	C ~ +70°C			BROWN				BROWN	+V
Operating frequency	1,5k ~	2kHz				+V		1 1		+V
Function indication	RED L	_ed Indicator							BLACK	
IP ratings	IP67			PNP	BLACK	out		PNP		
Housing Material	Brass	nickel plated		NO/NC	-			NO+NC	WHITE	out
-		lousing MOQ o	on	1 1						
	reque	st		I [BLUE			1 1	BLUE	ov
Material of sensing face	ABS			[• 00				NC NO
Connection	Wires									
No of wires & gauge	9x0,12	2mm								
Standard length of cable	2,0M									IVE Proximity
Plug-in connector	NO								S	Sensor
Approvals	CE								Part No.:	25A1003
DRW: Jimmy	CHKD	Ban	MATL:	Wilson	TOLERANCE	Mason	DATE	10.08.2009	Customer:	
APPD: Johnsor	1		FINISH	Jamy		Shee	t No.	2 from 5	Customer:	
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DRW:

APPD:

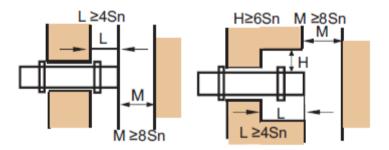
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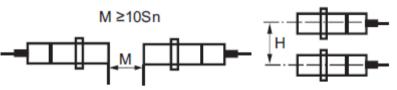
Inductive Proximity Application Direction

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

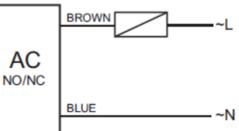
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H≥10Sn

Ban

Output Mode Code G or BROWN DC NO/NC BLU

Code J or K



'H		Output Mode
-+V	AC NO/NC	BROWN
- C'		BLUE
- V		

Connection Mode

		NO
E	- C'	

/E Proximity ensor						n		
25A1003	Part No.:							
	Customer:	10.08.2009	DATE	Mason	TOLERANCE	Wilson	MATL:	
	Cusiomer.	3 from 5	Sheet No.			Jamy	FINISH	

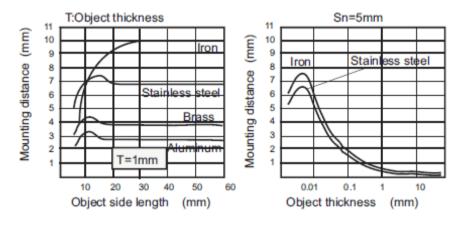
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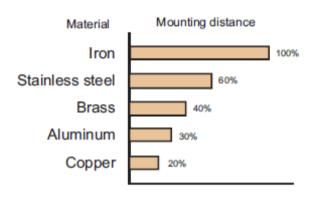
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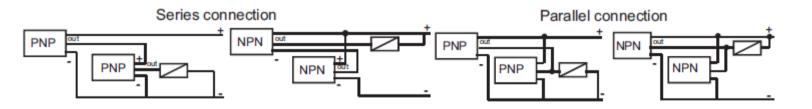


Mounting distance





D: Inductive Proximity series connection and parallel connection.



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										Part No.:	25A1003
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APPD:	Johnson			FINISH	Jamy		Sheet No.		4 from 5	Customer.	
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Ordering Informations

		Campagian			Detect		Dady Canasa				1
Serie	Connector	Connector Size	Zylinder Size	e Output Mode	Detect Distance	Output Current	Body Sensor Length	Housing	Cable ler	ngth	
		0.20			Diotarioo	Current	Longui				
25A1003	A	Х	M08	Α	01	Α	S	В	2001		
	A = Cable	X= without connector	M08 = M8x1	A= NPN-NO	01 = 1mm	A = 100mA		B = Brass Housing	0000 = with Cable	nout	
				B= NPN-NC			S = Short Sensor	A = ABS Housing MOQ	2001 = Standard		
]	C = PNP-NO				on request	Cable leng 2000mm o		
				D = PNP-NC					length available		
]			please fill i	in	
			-								
						1					
						1					
						-			Г		ro
	For specia	I request of se	nsors (e.g. 24\	AC appearan	ce, function),	_ please indicate	e when order.			Senso	or
										Part No.: 2	25A
DRW:		HKD E				RANCE N			3.2009 Cu	ustomer:	
APPD:	Johnson		FI	NISH Ja	amy		Sheet No.	5 fr	om 5 om 6 ema	-	

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