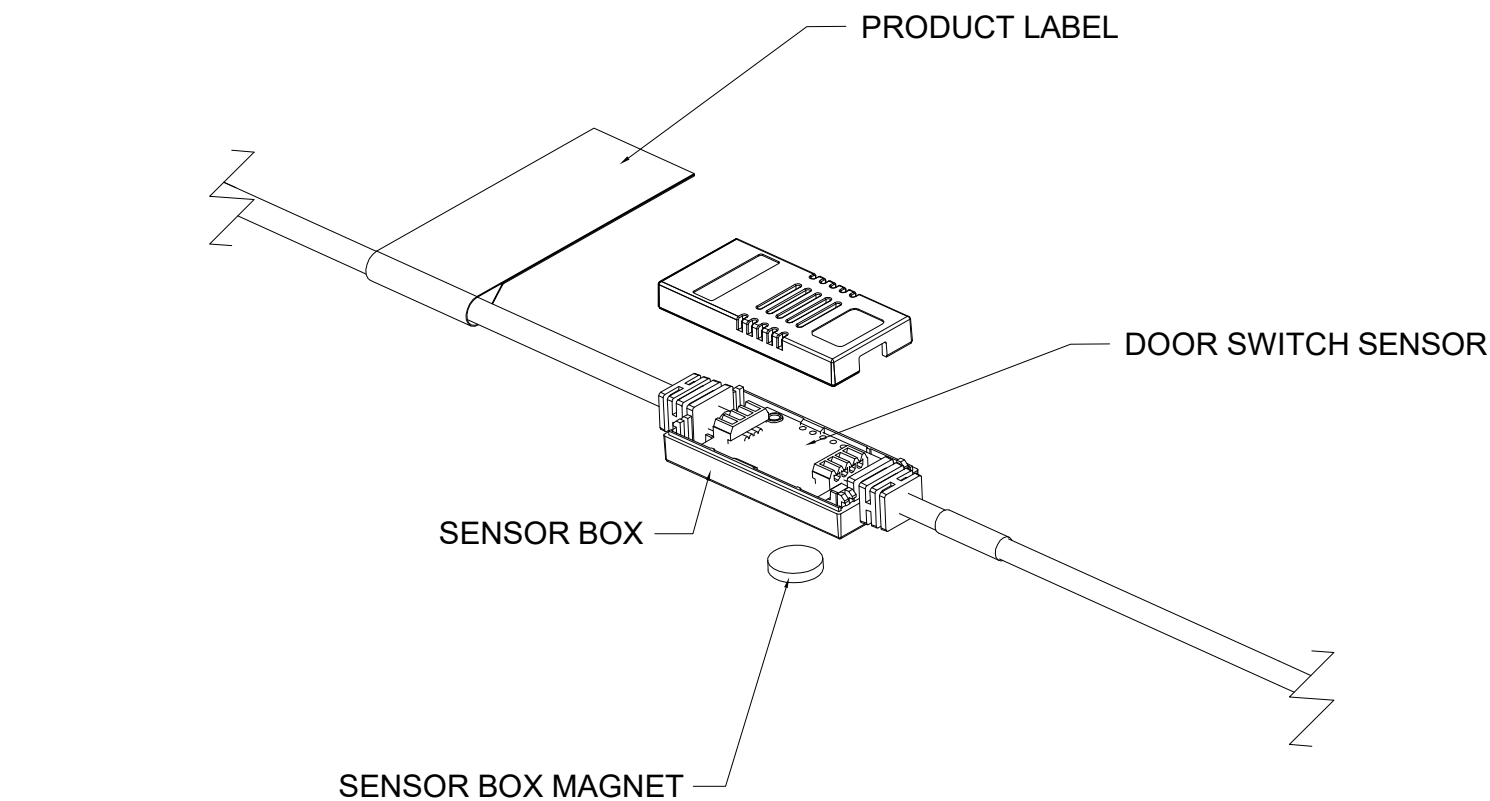


16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M  
L  
K  
J  
H  
G  
F  
E  
D  
C  
B  
A



**SPECIFICATION:**

**1. STANDARD**

**DOOR SENSOR:**

SWITCH CLOSE RANGE IN OPEN AIR:

SWITCH OPEN RANGE IN OPEN AIR:

OPERATING TEMPERATURE RANGE:

OPERATIONAL VOLTAGE:

CURRENT DRAW:

SENSOR HOUSING MATERIAL:

SENSOR HOUSING COLOR:

INTERFACE PLUG:

INTERFACE PLUG HOUSING MATERIAL:

INTERFACE PLUG HOUSING COLOR:

CABLE COLOR:

WORKMANSHIP STANDARD:

NORMALLY OPEN

20-30mm

20-32mm

0°C TO 65°C [32°F TO 149°F]

4.2 - 5.5 VOLTS

30 mA MAX

ABS, 10% GLASS-FILLED

BLACK

RJ45 COMPLIANT

PC

TRANSPARENT

BLACK

HARNESS TO BE

MANUFACTURED TO

IPC/WHMA-A-620 CLASS 2

STANDARDS

**2. ADDITIONAL:**

NONE

**3. ACCESSORY COMPONENTS:**

MAGNET, QTY:(1)

CABLE TIES, QTY:(5)

RJ45 QUICK DISCONNECT COUPLER, QTY:(1)

STANDARD ETHERNET EXTENSION CABLE, QTY:(1)

DOUBLE-SIDED TAPE, QTY:(2)

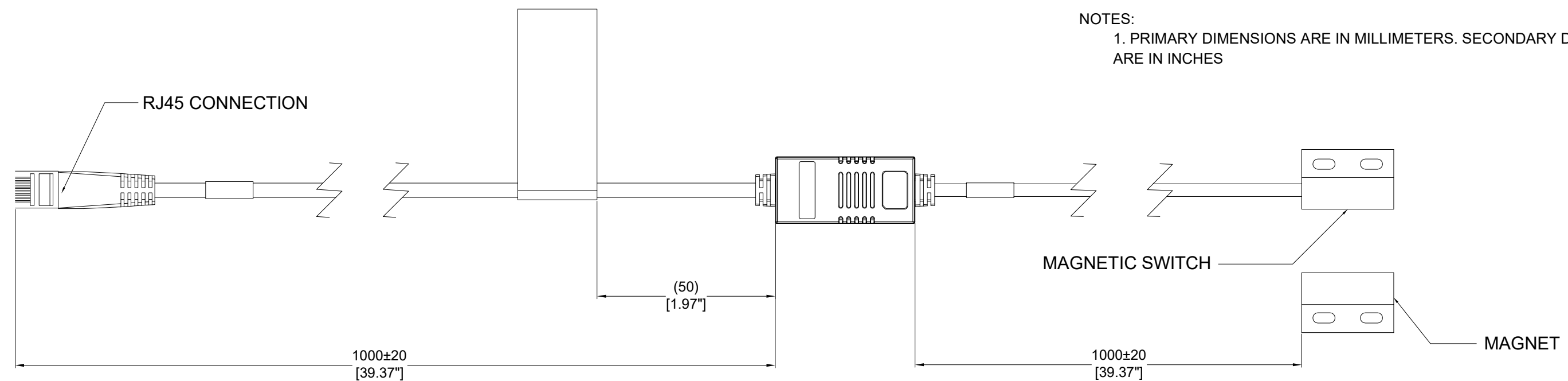
ADHESIVE BACKED MOUNT, QTY:(5)

TAP SCREW, QTY:(4)

INSTALLATION GUIDE, QTY:(1)

**NOTES:**

1. PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSION ARE IN INCHES



	E1	INITIAL RELEASE	2022/07/07	Nate	
ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED	
REVISIONS					
TITLE :  DOOR SWITCH SENSOR		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:  X ±1 MM      X° ±1° X.X ±0.5 MM      X.X° ±0.5°  X ±0.20 MM Ø X.X ±0.3 MM Ø X.XX ±0.10 MM  BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY  ⊕ ⊞ THIRD ANGLE PROJECTION  INTERPRET PER ASME Y14.5M-1994	PART NO: TA-EA9109		REV. E1
			DRAWN BY:      Nate		2022/07/07
			ENGINEER:      Nate		2022/07/07
			APPROVED BY: Hanson		2022/07/07
			SCALE : N/A		SHEET 1 OF 2
PROJECT :  enLOGIC					

**enLOGIC** by nvent

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DESIGN<sup>(PDU)</sup>  
ENGINEERING

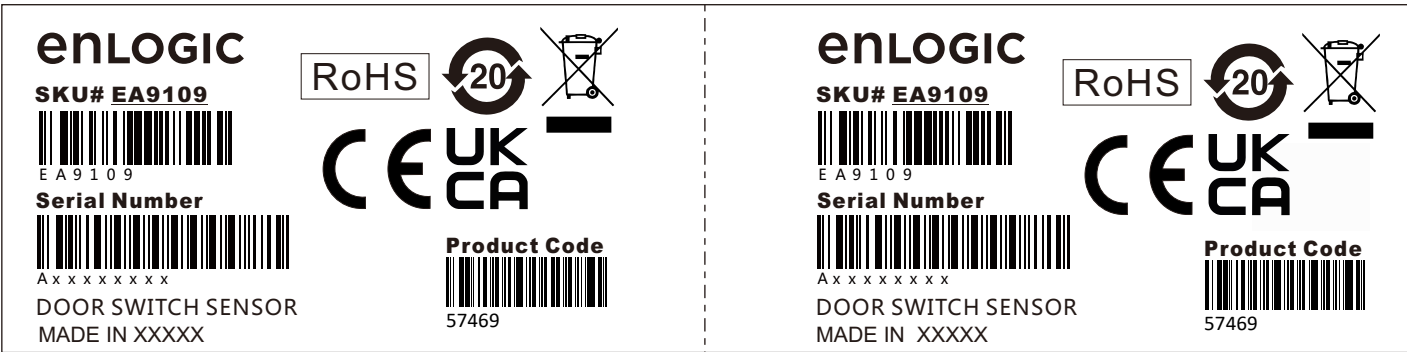
NOTES:

1. PRODUCT LABEL:

MATERIAL:  
COLOR:  
TEXT COLOR:  
TEXT FONT:

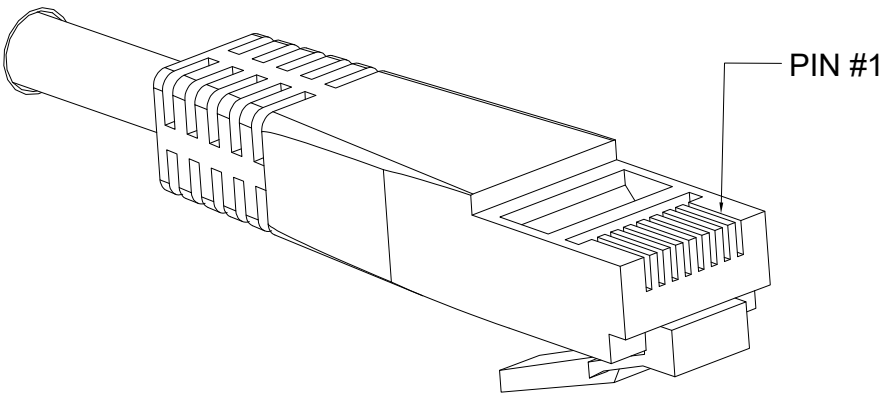
2. BARCODE: CODE 128

SYNTHETIC PAPER  
WHITE  
BLACK  
ARIAL



PRODUCT LABEL

Pin	Function
1	+5V
2	NC
3	NC
4	NC
5	Ground
6	RS485 A
7	RS485 B
8	Ground



RJ45 CONNECTION PIN-OUT

enLOGIC

by nvent

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TITLE :  
DOOR SWITCH SENSOR

PROJECT :  
enLOGIC

UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:  
X ±1 MM X° ±1°  
X.X ±0.5 MM X.X° ±0.5°  
X ±0.20 MM  
Ø X.X ±0.3 MM  
Ø X.XX ±0.10 MM  
BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY  
THIRD ANGLE PROJECTION  
INTERPRET PER ASME Y14.5M-1994

PART NO:  
TA-EA9109

DRAWN BY: Nate

ENGINEER: Nate

APPROVED BY: Hanson

SCALE : N/A

REV.  
E1

2022/07/07

2022/07/07

2022/07/07

SHEET  
2 OF 2

SIZE:  
A3

	E1	INITIAL RELEASE	2022/07/07	Nate
ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				
TITLE : DOOR SWITCH SENSOR		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE: X ±1 MM X° ±1° X.X ±0.5 MM X.X° ±0.5° X ±0.20 MM Ø X.X ±0.3 MM Ø X.XX ±0.10 MM BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5M-1994	PART NO: TA-EA9109	
			REV. E1	
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			2022/07/07	
			ENGINEER: Nate	
			2022/07/07	
			APPROVED BY: Hanson	
			2022/07/07	
			SCALE : N/A	
			SHEET 2 OF 2	
			SIZE: A3	