



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
P1-D1	PRODUCTION PILOT	03/24/2020	GDV
P1-D2	DIMENSIONS REARRANGED	04/28/2020	GDV

**AXIOMATIC**  
Global Electronic Solutions

**3 Encoder, 7 Signal Inputs**  
CANopen  
P/N: AX030141 **CE**

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
GND	1	ENC3_A+	1
ENC2_B-	2	ENC3_B+	2
ENC2_A-	3	Digital Input 1	3
ENC1_B-	4	Digital Input 2	4
ENC1_A-	5	Digital Input 3	5
BATT-	6	CAN_H	6
BATT+	7	CAN_L	7
ENC1_A+	8	Digital Input 6	8
ENC1_B+	9	Digital Input 5	9
ENC2_A+	10	Digital Input 4	10
ENC2_B+	11	ENC3_B-	11
Universal Input 1	12	ENC3_A-	12

$\varnothing 0.291$  in  
[ $\varnothing 7.39$  mm]  
to suit an M6  
or 1/4" bolt (2)

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ENC2_B+	11	ENC3_B-	11
Universal Input 1	12	ENC3_A-	12

**Unit Label**

Gray receptacle keyed "A"  
mates with DTM06-12SA

Black receptacle keyed "B"  
mates with DTM06-12SB

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:		MATERIAL NA		DRAWN EL		DATE 3/24/2020		TITLE 3 Encoder, 7 Signal Inputs to CAN, CANopen							
FABRICATION	X.XXX ± 0.015	MACHINING	X.XXX ± 0.005	FINISH	NA	CHECKED	AZ	DATE	4/28/2020	DWG REV	D2	DWG NO	AX030141-MD	PART REV	P1
X.XX	± 0.01	X.XX	± 0.01	THIRD ANGLE PROJECTION	TOOL	APPROVED	GDV	DATE	4/28/2020	SCALE	1 : 1	PART NO	AX030141	SHEET	1 of 1
X.X	± 0.1	X.X	± 0.1		INVENTOR										
ANGLES	± 1.0	ANGLES	± 1.0		SIZE	B									

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