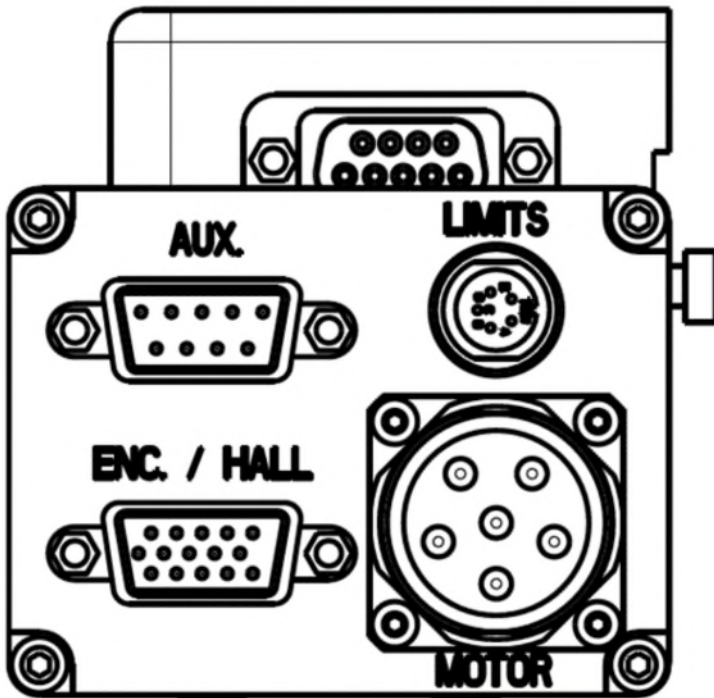


# 406LXR Cable Transport Module

## Connector Pin Out and Extension Cable Wiring

### With Digital and Sin Output Encoder (E7 Option)



### Enc. / Hall

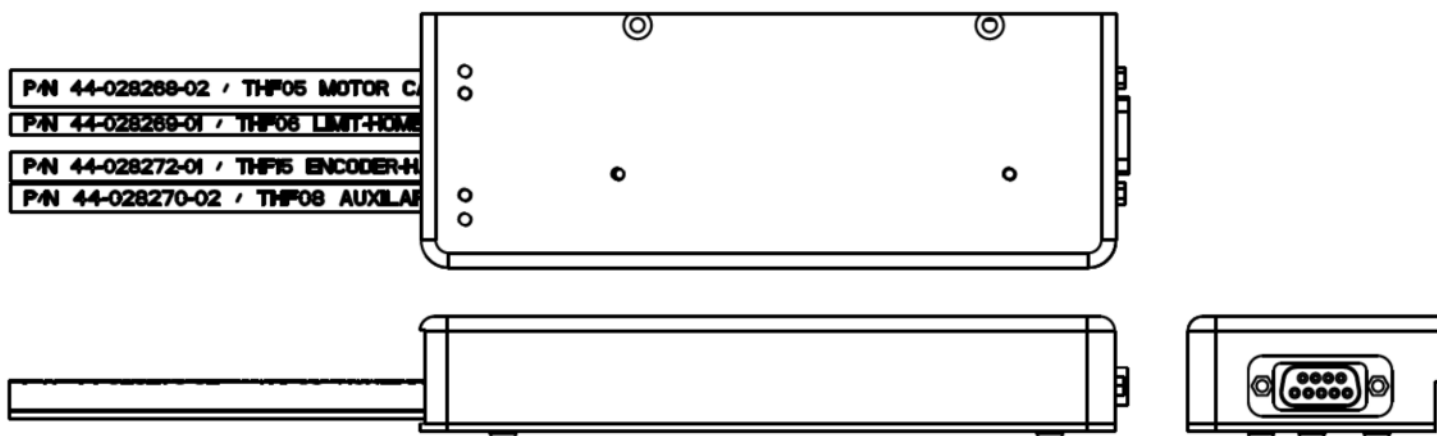
15 pin D connector

Pin Number	Function	Wire Color
1	+5VDC Enc.	Red
2	A+/SIN+	White
3	A-/SIN-	Yellow
4	B+/COS+	Green
5	B-/COS-	Blue
6	Z+	Orange
7	Z-	Brown
8	Ground Enc.	Black
9	+5VDC Hall	White/Blue
10	Hall 1	White/Brown
11	Hall 2	White/Orange
12	Hall 3	White/Violet
13	Temp	Yellow/Orange
14	Temp	Yellow/Orange
15	Ground Hall	White/Green
Case	Shield	Green/Yellow

# 406LXR OEM Cable Option

## Connector Pin Out and Flying Lead Cable

### With Digital and Sin Output Encoder (E7 Option)



OEM Encoder Flying Leads	
Function	Cable Wire Color
+5	RED
GROUND	BLACK
A+/SIN+	WHITE
A-/SIN-	YELLOW
B+/COS+	GREEN
B-/COS-	BLUE
Z+	ORANGE
Z-	BROWN
TEMP	YELLOW/ORANGE
TEMP	YELLOW/ORANGE
+5 HALL	WHITE/BLUE
GROUND	WHITE/GREEN
HALL 1	WHITE/BROWN
HALL 2	WHITE/ORANGE
HALL 3	WHITE/VIOLET
SHIELD	GREEN/YELLOW

OEM IPA Encoder Connector		
Function	Cable Wire Color	Pin #
Z+	ORANGE	1
Z-	BROWN	2
GROUND	BLACK	3
		4
+5	RED	5
TEMP-	YELLOW/ORANGE	6
B-/COS-	BLUE	7
B+/COS+	GREEN	8
HALL 1	WHITE/BROWN	9
TEMP+	YELLOW/ORANGE	10
A+/SIN+	WHITE	11
A-/SIN-	YELLOW	12
HALL 2	WHITE/ORANGE	13
HALL 3	WHITE/VIOLET	14
		15
SHIELD	SHIELD	SHIELD CASE
GROUND	WHITE/GREEN	JUMPED TO 3
+5 HALL	WHITE/BLUE	JUMPED TO 5

OEM Compax3 Encoder Connector		
Function	Cable Wire Color	Pin #
SENSE-	WHITE/GREEN	1
SENSE+	WHITE/BLUE	2
HALL 1	WHITE/BROWN	3
+5	RED	4
TEMP+	YELLOW/ORANGE	5
HALL 2	WHITE/ORANGE	6
A-/SIN-	YELLOW	7
A+/SIN+	WHITE	8
HALL 3	WHITE/VIOLET	9
TEMP-	YELLOW/ORANGE	10
B-/COS-	BLUE	11
B+/COS+	GREEN	12
Z+	ORANGE	13
Z-	BROWN	14
GROUND	BLACK	15
SHIELD	SHIELD	SHIELD CASE