

UAM-05LEC cables specification

1. Input / Output cable and function

No	Color	Signal	Function	Description
1	Brown	+24VDC	Power	Power supply : DC24V
2	Blue	0VDC	Power	Power supply : 0V
3	White	P1_MUT_IN1/ENC1_A	Input	Muting input 1 / Encoder input 1_A
4	Green	P1_MUT_IN1/ENC1_B	Input	Muting input 2 / Encoder input 1_B
5	Pink	P2_MUT_IN1/ENC2_A	Input	Muting input 1 / Encoder input 2_A
6	Yellow	P2_MUT_IN1/ENC2_B	Input	Muting input 2 / Encoder input 2_B
7	Black	RESET1	Input	Reset input 1
8	Gray	RESET2	Input	Reset input 2
9	Red	OVERRIDE1	Input	Override 1
10	Violet	OVERRIDE2	Input	Override 2
11	Gray/Pink	RES_REQ1/MUT_OUT1 AUX_OUT1	Output	RES_REQ1: ON when ready to accept reset input for protection zone1 (when hardware input is used). MUT_OUT1: ON when protection zone1 is in muting state (when hardware input is used) AUX_OUT1 : Default OFF • Synchronous signal (1ms pulse) • Error • Window contamination error • Window contamination warning
12	Red/Blue	RES_REQ2/MUT_OUT2 AUX_OUT2	Output	RES_REQ2: ON when ready to accept reset input for protection zone2 (when hardware input is used). MUT_OUT2: ON when protection zone2 is in muting state (when hardware input is used) AUX_OUT2 : Default OFF • Synchronous signal (1ms pulse) • Error • Window contamination error • Window contamination warning

2. Ethernet IN cable and function

No	Color	Signal	Function
1	Yellow	TD+	EtherCAT_IN TD+
2	Orange	RD+	EtherCAT_IN RD+
3	White	TD-	EtherCAT_IN TD-
4	Blue	RD-	EtherCAT_IN RD-

3. Ethernet OUT cable and function

No	Color	Signal	Function
1	Yellow	TD+	EtherCAT_OUT TD+
2	Orange	RD+	EtherCAT_OUT RD+
3	White	TD-	EtherCAT_OUT TD-
4	Blue	RD-	EtherCAT_OUT RD-