



CONN_MAIN	
Amphenol: AT06-8S	
Male	8-pin
12V	1
GND	2
S1	3
S2	4
S3	5
S4	6
S5	7
S6	8
Deutsch equivalent OK	

C1		
Weidmuller: SAIL-M12BG-4-5.0U		
22 AWG	14.0 ft	
BN		
WH		
BU		
BK		
cut to length		
C2		
Weidmuller: SAIL-M12BG-4-5.0U		
22 AWG	11.0 ft	
BN		
WH		
BU		
BK		
cut to length		
C3		
Weidmuller: SAIL-M12BG-4-5.0U		
22 AWG	8.0 ft	
BN		
WH		
BU		
BK		
cut to length		
CABLE_MAIN		
AutomationDirect: VNTC-18-8-BK-		
8x	18 AWG	10.0 ft
CONN_MAIN:1:12V	1:BN	
CONN_MAIN:2:GND	2:BU	
CONN_MAIN:3:S1	3:BK	
CONN_MAIN:4:S2	4:RD	
CONN_MAIN:5:S3	5:OG	
CONN_MAIN:6:S4	6:YE	
CONN_MAIN:7:S5	7:RDBK	
CONN_MAIN:8:S6	8:BUBK	
length may be overridden		

C4		
Weidmuller: SAIL-M12BG-4-5.0U		
22 AWG	8.0 ft	
BN		
WH		
BU		
BK		
cut to length		
C5		
Weidmuller: SAIL-M12BG-4-5.0U		
22 AWG	11.0 ft	
BN		
WH		
BU		
BK		
cut to length		
C6		
Weidmuller: SAIL-M12BG-4-5.0U		
22 AWG	14.0 ft	
BN		
WH		
BU		
BK		
cut to length		

4	Connector, splice	8				
3	Connector, Male, 8 pins	1	CONN_MAIN	Amphenol	AT06-8S	
2	Cable, 8 x 18 AWG	10 ft	CABLE_MAIN	AutomationDirect	VNTC-18-8-BK-1	
1		16 pcs		Weidmuller	SAIL-M12BG-4-5.0U	
Id	Description	Qty	Unit	Designators	Manufacturer	MPN

Created	Date	Name	RHP Sensor Breakout Cable	
	07DEC2024	T. Hughes		
1	Release for Quoting	20DEC2024	T. Hughes	
Rev	Changelog	Date	Name	

THF-H301

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