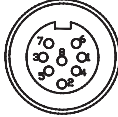
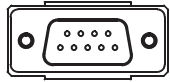


CC-059-xxx-FM-UL

AISG Control Cable

Ordering Options					
This AISG Control Cable is available in lengths between 50 cm -16 m. When ordering, replace "xxx" in model number with desired length. See examples below.					
Length	Model Number				
50 centimeter cable length	CC-059-C50-FM-UL				
5 meter cable length	CC-059-005-FM-UL				
10 meter cable length	CC-059-010-FM-UL				
16 meter cable length	CC-059-016-FM-UL				
Connector Characteristics					
Connectors	Connector A: 1 x 8 pin Female Connector; Straight		Connector B: 9 Pos D-Sub Solder Male		
					
Pin Assignment	Connector A		Cable Connection	Connector B	
	Pin 1	+12-24 V DC	↔	Pin 1	+12-24 V DC
	Pin 2	NC	↔	Pin 2	NC
	Pin 3	RS485 B	↔	Pin 3	RS485 B
	Pin 4	DC Return	↔	Pin 4	DC Return
	Pin 5	RS485 A	↔	Pin 5	RS485 A
	Pin 6	+12-24 V DC	↔	Pin 6	NC
	Pin 7	DC Return	↔	Pin 7	NC
	Pin 8	NC	↔	Pin 8	NC
---	---	↔	Pin 9	DC Return	
Electrical Characteristics					
Rated Voltage	300 V DC				
Current Rating	5A /+40°C/+104°C				
Insulation Resistance	> 100MΩ				
Contact Resistance	0.25mm ² 0.0000876 mΩ & 0.75mm 0.000028mΩ				
Mechanical Characteristics					
Insertion and Withdrawal Forces	60N				
Coupling Style	Metal Screw Coupling				
Mechanical Operation	500 Mating Cycles				
Termination Technique	Crimp				
Materials Characteristics					
Hood	Water-Resistant Hood 9-way				
Wire Gauge (OD)	6-8 mm AISG Cable				
Housing Material	Die Cast, Nickel Plated				
Dielectric Material	Thermoplastic Material				
Contact Plating	Silver Plated / Gold Plated				
Classification	UL2464				
Flamability	VW-1				
Reference Standard	UL758, UL581				
Environmental Characteristics					
Temperature Range	-40 to +85° C		-40 to 185° F		
IP Rating	IP67				

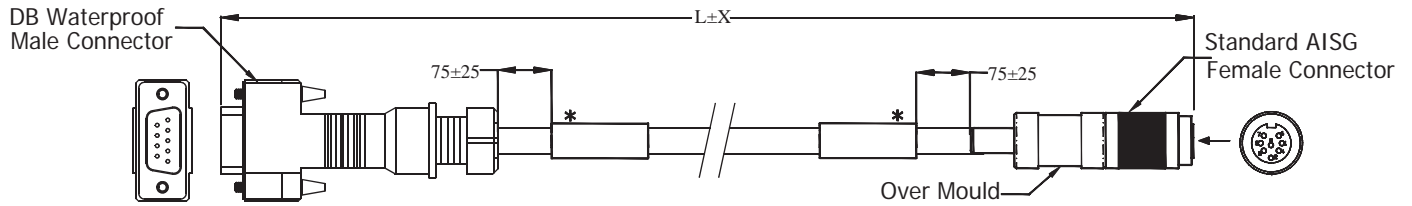


Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

CC-059-xxx-FM-UL

AISG Control Cable

Dimensional Drawing



$L = \text{Length}; X = 50$

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