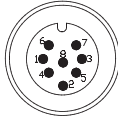
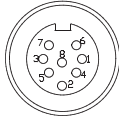


## CC-05-xxx-MFV

### AISG Control Cable

Ordering Options			
This AISG Control Cable is available in lengths between 0.3-100 meters. When ordering, replace "xxx" in model number with desired length. See examples below.			
Length	Model Number		
0.3 meter cable length	CC-05-0.3-MFV		
5 meter cable length	CC-05-005-MFV		
35 meter cable length	CC-05-035-MFV		
100 meter cable length	CC-05-100-MFV		
Connector Characteristics			
Description	5 conductor, Male, Female Connectors		
Connectors (IEC 60130-9)	Connector A: 1 x 8 pin Male Connector; Straight	Connector B: 1 x 8 pin Female Connector; Straight	
			
Pin Assignment	IM EMax	IF End	Assignment
	Pin 1	Pin 1	+12V DC
	Pin 2	Pin 2	not used
	Pin 3 (0.25 mm <sup>2</sup> )	Pin 3	RS485B
	Pin 4	Pin 4	not used
	Pin 5 (0.25 mm <sup>2</sup> )	Pin 5	RS485A
	Pin 6 0.75 mm <sup>2</sup>	Pin 6	+24V DC
	Pin 7 0.75 mm <sup>2</sup>	Pin 7	DC Return
Pin 8	Pin 8	not used	
Electrical Characteristics			
Rated Voltage	300V DC		
Max Voltage	≥ 58		
Rated Current	≥ 4A		
Characteristic Impedance	100 ±20 Ω		
Current Rating at 40° C (104° F)	5A		
Insulation Resistance	> 100MΩ		
Contact Resistance	0.25 mm <sup>2</sup>	0.0000876 mΩ	
	0.75 mm <sup>2</sup>	0.000028 mΩ	
Temperature Range	-40 to +85° C	-40 to 185° F	
IP Rating	IP67		

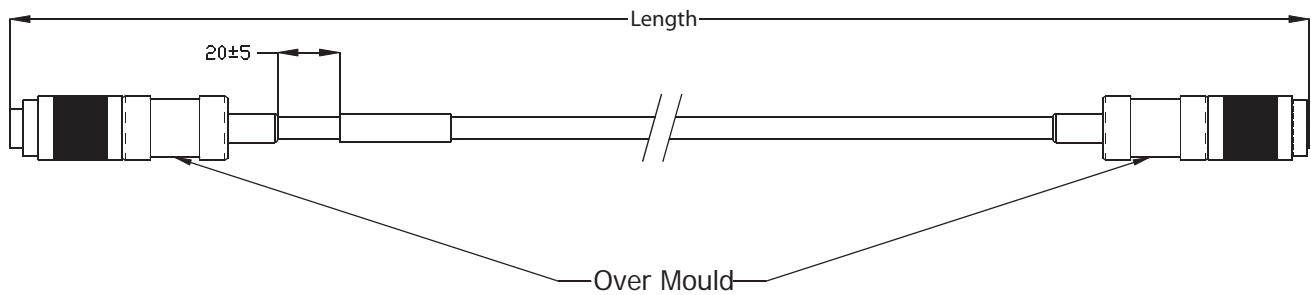


Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage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

## CC-05-xxx-MFV

### AISG Control Cable

Mechanical Characteristics	
Insertion and withdrawl forces	60 N
Coupling Style	Metal Screw Coupling
Mechanical Operation	500 Mating Cycles
Material Characteristics	
Housing Material	Die Cast, Nickel Plated
Dielectric Material	Thermoplastic Material
Contact Plating	Silver Plated / Gold Plated
Termination Technique	Crimp
Wire Gauge	AISG Cable OD: 6-8 mm



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