

## Connector Box for Mini-Line® Grade and Slope Control System

Mini-Line®

The Connector Box is an alternative to the use of a standard V-Cable or W-Cable for connecting a HS301 and sensors to the paver. When using the Connector Box the permanent cable from the box is connected to the 10-pin plug of the asphalt paver. Standard Mini-Line® I-Cables are then used to establish the connection between the Connector Box and the HS301 and sensors.

The Connector Box is designed for the environment on pavers. The permanent cable is made of PUR jacketed coiled cable giving flexibility and protection against chemicals and abrasion. The box and connectors are fully encapsulated.

The Connector Box has 2.2m coiled permanent cable, to enable a more convenient mounting of the Connector Box than the 10-pin plug of the paver. The cable length specified is the maximum recommended length used.

The Connector Box is supplied with two M5 screws with hex key head for permanent mounting on the paver.



Connector Box with three 6-Pin Bayonet connectors, male and a permanent cable with a 10-Pin Screw connector, female

Connector Box Specifications																	
Part Number	S-50198																
Application	Interconnection of components in the Mini-Line® Grade and Slope Control System																
Power Supply	12/24 Volt Systems (10-30 VDC)																
Material, Box Material, Cable	Stainless Steel PUR Jacketed Cable																
Dimensions, Box (LxWxH) Dimensions, Cable	120 x 40 x 48mm 2.2m																
Weight, Total	0.8kg																
Storage Temperature	-40°C to 85°C																
Operating Temperature	-10°C to 70°C																
Connector	<p>3x6-Pin Bayonet, Male:</p> <table border="0"> <tr> <td>A: Vbat</td> <td>D: Output down</td> </tr> <tr> <td>B: Gnd</td> <td>E: Com A RS485</td> </tr> <tr> <td>C: Output up</td> <td>F: Com B RS485</td> </tr> </table> <p>1x10-Pin Screw, Female:</p> <table border="0"> <tr> <td>A: Gnd</td> <td>D: NC</td> </tr> <tr> <td>B: Vbat</td> <td>E: NC</td> </tr> <tr> <td>C: Output up</td> <td>F: NC</td> </tr> <tr> <td>D: Output down</td> <td>I: NC</td> </tr> <tr> <td>E: NC</td> <td>J: NC</td> </tr> </table>	A: Vbat	D: Output down	B: Gnd	E: Com A RS485	C: Output up	F: Com B RS485	A: Gnd	D: NC	B: Vbat	E: NC	C: Output up	F: NC	D: Output down	I: NC	E: NC	J: NC
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