

S298 Slope Sensor for Slope Sensing

Mini-Line®

The S298 Slope Sensor measures the cross slope of the screed, when a defined slope of the road is required or an appropriate reference is not available in one side of the machine.

The S298 Slope Sensor is operated with a HS301 handset and is always used together with grade control setting the reference of the grade in one side. If operating with grade control in both sides of the machine, the slope sensor can be used for monitoring the slope of the road.

The sensor can be used for controlling slope from either side of the machine, but only one side at a time and is only controllable from the handset from that side.

The S298 Slope Sensor has a strong and accurate inclinometer specifically designed to withstand high vibration levels on high compaction screeds.



S298 Slope Sensor

S298 Slope Sensor Specifications	
Part Number	S-50170
Application	Slope Control and Slope Monitoring for HS301 Grade and Slope Control System
Power Supply	12/24 Volt System (10-30 VDC)
Power Consumption	Typical at 24 VDC 30 mA Max 200 mA
Dimensions (LxWxH))	130x75x44mm / 5x3x1.7in
Weight	0.5kg / 1.1lbs
House	Aluminium
Storage Temperature	-40°C to +85°C / -40°F to 185°F
Operating Temperature	-10°C to +70°C / 14°F to 158°F
Sensor Type	Inclinometer
Resolution	0.01%
Accuracy	+/- 0.1%
Sensor Range	-9.99% to +9.99%
Communication Bus	Standard: RS485 OEM Option: CAN
Connector	2 x Cannon Bayonet Plug, Male 6-Pin A: Vbat D: NC B: Gnd E: Com A RS485 C: NC F: Com B RS485