

ALLIANCE SENSORS GROUP

S2A / SC-200 Compared to Competition

Features and Diagnostics	S2A	Competitor
Differential Input Connection of Sensor's Output	YES	YES
Two User-Selectable LVDT Cable Shield Grounds	YES	NO
S1A Emulation Mode for Backward Compatibility	YES	NO
Error Output Indication Switch	YES	NO
Real time Recalibration of Zero and/or Full Scale	YES	NO
Cyber Security		
Anti-Tampering Lockout	YES	NO
Tampering Warning Flag to DCS	YES	NO
RS-485		
Remote Setup of Module	YES	NO
Remote Calibration	YES	YES
Modules are Hot Swappable	YES	YES
Error Output Polarity Configurability as N.O. or N.C.	YES	NO
LVDT Connections		
Primary Connections Open	YES	YES
Primary Connections Shorted Across Leads	YES	NO
Primary Connections Shorted to Ground	YES	NO
Secondary Connections Open	YES	YES
Secondary Connections Shorted Across Leads	YES	NO
Secondary Connections Shorted to Ground	YES	NO
Module Connections		
Voltage Output Shorted	YES	NO
Current Loop Output Open	YES	NO
Sensor Wiring Errors	YES	NO
Shorted Master / Slave Bus	YES	NO
Module Wiring Errors	YES	NO