

# HULLMOS®

## SBSG SENSOR DATA SHEET, type SBSG\_Exi

Resolution	5 microStrain
Bandwidth	0 ... 15 Hz
Linear Range	± 1500 microStrain
Dimensions	130x 55x 65 mm
Supply	12 ... 24 VDC
Degree of Protection	IP 56, fully sealed
Cabling	RS 485, shielded cable, twisted pair
Exi	Zener Barriers between passive gauge element and the separately mounted electronics unit ARC_01
Temperature Range	-25 °C ... +70 °C
Vibration	- Frequency Range 3 ... 13.2 Hz: Amplitude 1.0 mm (peak value) - Frequency Range 13.2 ... 100 Hz: Acceleration Amplitude 0.7 g
Baud Rate	1.25 Mbps or 625 Kbps
Interface Protocol	ARCNET
Output	Processed signal characteristics (representing interval from 5 to 30 min.). <ul style="list-style-type: none"><li>- Signal Mean Value</li><li>- Signal Standard deviation</li><li>- Signal Peak Values</li><li>- Average Zero/ Mean Crossing Period</li><li>- Rainflow Count</li><li>- 10 second Signal Raw Data History, sampled at 500 Hz</li></ul> Signal sampled at 20 Hz