

# HULLMOS®

## SFSG SENSOR DATA SHEET, type SFSG\_Exi

Resolution	3% of full scale
Linear Range	± 1000 microStrain
Dimensions	130x 55x 65 mm
Supply	12 ... 24 VDC
Degree of Protection	IP 56, fully sealed
Cabling	RS 485, shielded cable, twisted pair, three pairs
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
Max. Cable length	700 m in one branch
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></ul>

Signal sampled at 20 Hz

Installation according to the SBSG Sensor Installation Manual