

# Gaussmeter probes 5000 series

## STD58-0404

PROBE STYLE	PROBE TYPE	ELECTRICAL PERFORMANCE	GAUSSMETER MODEL	OUTSIDE DIA. or THICKNESS	PROBE STEM LENGTH
H = Heavy Duty S = Standard	A = Axial T = Transverse	D = 0.5% / 30kG 1X H = 1.0% / 20kG 1X V = 2.0% / 20kG 1X	56 = 5060 57 = 5070 58 = 5080	OUTSIDE DIA. 19 = .190"  THICKNESS 04 = .040" 06 = .060"	02 = 2" 04 = 4"

### Contact

OECO  
 4607 SE International Way  
 Milwaukie, OR 97222  
 USA

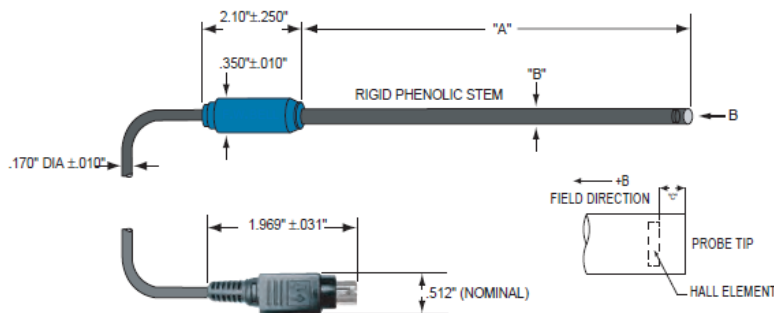
Tel: +1 (503) 659-5999

[www.meggitt.com](http://www.meggitt.com)  
[www.fwbell.com](http://www.fwbell.com)  
[www.oeco.com](http://www.oeco.com)

The fifth generation gaussmeter probes are designed to meet the electrical and mechanical requirements of virtually any application. Models are available for transverse (lines of flux moving perpendicular through the probe tip) and axial (magnetic lines of flux moving through the length of the probe) measurements.

The probe style is generally dependent on the measurement environment. The standard (fiberglass stem) style is recommended for laboratory or light handling environments. The heavy duty (aluminium stem) style is recommended for heavy handling or unknown environments. Custom probes are available upon request.

Each probe model is designated with an alphanumeric model number. The chart above shows the significance of each letter and numeral. The probes are assembled and calibrated at the factory to match the input characteristic of each gaussmeter.

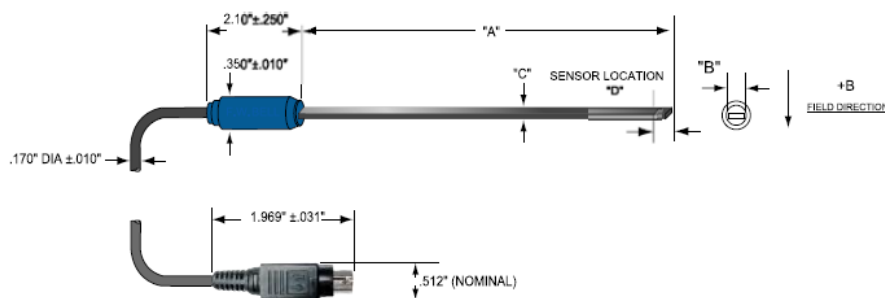


## Gaussmeter probes

# 5000 series

### Axial specifications

	<u>SAD58-1902</u>	<u>SAD58-1904</u>	<u>SAH57-1902</u>	<u>SAH57-1904</u>
A ± .063"	2"	4"	2"	4"
B		0.187" ± .006"		
C		0.010" nominal		
Stem material		Rigid phenolic		
Corrected linearity		0.5% / 30 kG		1.0% / 20 kG
Sensitivity		1X		
Active area		0.015" DIA nominal		
Operating temperature range		0° C to 75° C		
Temperature stability – zero		±0.300 Gauss / ° C		
Temperature stability – calibrate		-0.05 % / ° C		
Frequency response		DC to 20 kHz		DC to 10 kHz



### Transverse specifications

	<u>STD58-1902</u>	<u>STD58-1904</u>	<u>STH57-1902</u>	<u>STH57-1904</u>
A ± .063"	2"	4"	2"	4"
B		0.187" ± .006"		
C		0.010" nominal		
Stem material		Rigid phenolic		
Corrected linearity		0.5% / 30 kG		1.0% / 20 kG
Sensitivity		1X		
Active area		0.015" DIA nominal		
Operating temperature range		0° C to 75° C		
Temperature stability – zero		±0.300 Gauss / ° C		
Temperature stability – calibrate		-0.05 % / ° C		
Frequency response		DC to 20 kHz		DC to 10 kHz