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Max hold

The largest field magnitude measured (since the last reset) is displayed with the max hold function.

Filter

When the field being measured is noisy, using the filter function will average readings to produce a more stable display.

Alarm

An audible alarm is sounded and the display indicator flashes when the measured field is higher than the keypad-entered alarm point.

Zero probe

Used to eliminate probe offsets and small external fields.

Relative reading

Used to show small variations in large background fields. When activated, relative function displays deviation from a specific setpoint.

Autoranging

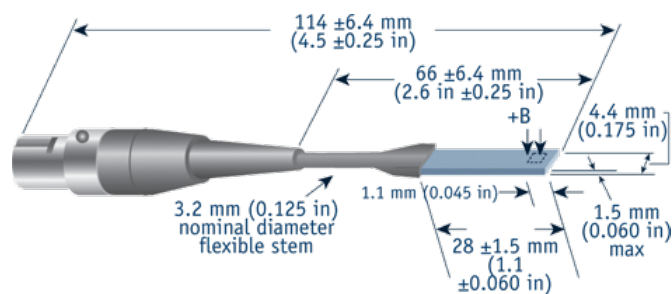
Automatically selects the appropriate range.

Memory hold

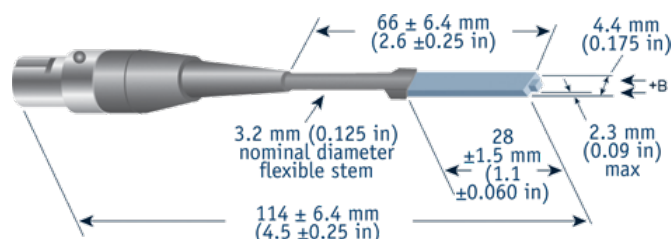
On power down the Model 410 stores the complete instrument configuration in nonvolatile memory, including the calibration number and probe offset, making it unnecessary in most cases to go through a setup procedure on power up.

Probes

Transverse probe—The transverse probe measures magnetic fields perpendicular to the probe axis.



Axial probe—The axial probe has the Hall sensor mounted perpendicular to the probe axis and measures magnetic fields parallel to the probe axis.



Stock probes

The most commonly ordered probes for this gaussmeter. [Other Hall probes are available.](#) Or visit the [Hall probe selection guide.](#)

Orientation	Frequency range	Full-scale field ranges	Stem material	Stem length (in)	Probe part number
Axial	DC	200 G, 2 kG, 20 kG	Brass	2	MSA-2202-410
		200 G, 2 kG, 20 kG	Brass	4	MSA-2204-410
	DC to 10 kHz	200 G, 2 kG, 20 kG	Flexible Plastic Tubing	2.6	MSA-410
Transverse	DC	200 G, 2 kG, 20 kG	Brass	2	MST-9P02-410
		200 G, 2 kG, 20 kG	Brass	4	MST-9P04-410
	DC to 10 kHz	200 G, 2 kG, 20 kG	Flexible Plastic Tubing	2.6	MST-410

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