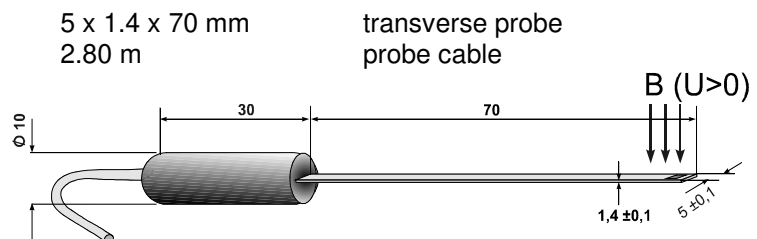


Teslameter FM 3002-10kHz

Technische Daten

Range: ± 1.8 T	± 1.8 V $\pm 1\ 800\ 000.0$ μ T	analog output 7 ½ digit display
Resolution (display)	0.1 μ T (1/18 000 000)	
Non-linearity (incl. probe) (at 25 °C; 50 mT – 1.8 T)	≤ 0.03 % of reading, ± 0.1 mT (DC)	
Frequency range analog output	DC to ≥ 10 kHz (-3 dB) (first order low pass) time constant: $\tau \leq 16$ μ s	
Step response	time to meet non-linearity: ≤ 300 μ s	
Frequency range display	DC (max 10 Samples/s)	
Noise (analog output)	$\leq \pm 25$ μ T (peak; DC – 10 kHz)	
Temperature coefficient instrument	≤ 3 ppm/K (0.0003 %/K)	
Temperature coefficient probe at 25 °C Probe	≤ 10 ppm/K (0.001 %/K)	
Zero drift	≤ 2 μ T/K	
Long-time stability	≤ 0.1 %/year (typ. 0.05 %/year)	
Display units	μ T, mT, T, G, kG	
Measuring time	0.1 s to 5 s	
Probe T3 size	5 x 1.4 x 70 mm 2.80 m	transverse probe probe cable



Effective area	< 0.1 mm ²	transverse probe
Power	115 V~, 230 V~ ± 10 % / 50 Hz - 60 Hz / 20 VA	
Pollution Protection	2 under IEC664 Class I	
Operation temperature	+10 °C to +40 °C	
Storage temperature	- 20 °C to +50 °C	
Max. relative humidity	70 % at +35 °C	
Size (W x H x D)	449 x 104 x 320 mm 483 x 89 x 320 mm	desk top 19" rack
Weight	4.50 kg	