

Model 1145 A

Battery Operated Receiver



The 1145A is part of the Shaft Master (which is not a total system only components) The Shaft Master is made up of a battery operated transmitter (Model 1219C) and a miniature receiver (Model 1145A). They enable the sophisticated users to obtain low-level analog, DC to 1,000 Hz. measurements on rotating equipment. Components, other than the transmitter and receiver, are user provided, however, custom installations by WDC are possible

RECEIVER -- 1145A

FULL SCALE DATA OUTPUT	±3 VDC
GAIN ADJUSTMENT RANGE output	± 175 microstrain ±7% for a ±3 VDC
ZERO ADJUSTMENT RANGE (@ max. sensitivity)	± 6% full scale
OPERATING TEMPERATURE RANGE	-40°C to +85°C standard
COMPENSATED TEMPERATURE RANGE	-30°C to +70°C standard
POWER SOURCE typi	10 to 18 VDC at less than 50 mA (40 mA cal)
RECEPTION FREQUENCIES	13 MHz to 22 MHz in 1 MHz increments
DATA BANDWIDTH	DC to 1000 Hz
WEIGHT	233 Grams (8 ounces)
DATA FILTER	5 Pole Lowpass Butterworth