READ/WRITE DATA INTERFACE AND METHOD OF OPERATION

ABSTRACT OF THE DISCLOSURE

A read/write data interface (26) is provided that interfaces with a read/write head (28) and is positioned in close proximity to the read/write head (28). The read/write data interface (26) includes a pre-amplifier (46) and a read channel (44). The pre-amplifier (46) amplifies an analog read signal and generates an amplified analog read signal in response. The read channel (44) receives the amplified analog read signal and generates a digital read signal in response.

Figure 3