

HR Series Proportional Thumbwheels

APEM expands its range of proportional thumbwheels with a new, friction hold version. This new patented technology allows for ultra-precise movement while allowing the user to hold the selection in a set position. The HR series uses proven non-contacting Hall Effect sensor technology, independent from the friction mechanism, providing a smooth and precise linear voltage output that does not degrade over time. The HR series with friction hold is ideal in applications that include panel mount and joystick integration as well as agricultural machinery, material handling equipment and off-road vehicles.

The HR series thumbwheels with friction hold come in two versions: one with 11 detents along the travel (1 at centre and 5 on each side) and another with a centre detent, smooth movement on each side and providing a feel of friction hold without detents.



Distinctive features

- IP68 sealing
- EMI/RFI shielding
- Backlighting option
- Wide range of colours
- Mechanical life : 100.000 cycles

Datasheets and additional information can be found on www.apem.com