



## ASTECH ELECTRONICS LTD PRODUCT DATA

### ROTARY TELEMETRY INDUCTIVE POWER AND SIGNAL PICKUP HEAD IH2



IH2

Standard  
Industrial Head



IH2/L

Long Pole Piece for  
large shaft diameters.

Robust and impervious to operating conditions, inductive coupling is the standard method of powering the transmitter. Electrical energy is transferred from the stationary inductive head IH2 or IH2L to a second, shaft mounted loop. Simultaneously, measurement data is transmitted back across the same components. Configurations to suit differing applications are easily produced using the standard interchangeable heads IH2 or IH2/L. Further inductive power supply configurations are available by using stationary inductive loop IL2 plus shaft mounted 1 turn loop or pickup module IP2. The CAK clamp assembly kit contains all materials (copper wire, stand-off tape and glass-fibre tape) required for shaft-mounted loops.

- ? Inductive Head IH2 - replaces transmitter batteries
- ? Long pole piece version IH2/L for shaft diameters >200mm
- ? Incorporates signal pickup
- ? Adjustable mounting bracket simplifies alignment
- ? H 40mm x W 35mm x D 40mm including mounting bush
- ? May also be used in end of shaft location

The pickup head is supplied with a 5m coaxial cable terminated with TNC connectors and a universal mounting bracket.



The IH2 pickup head is shown here supported by the universal mounting bracket and near to a shaft-mounted loop made from the CAK kit components.