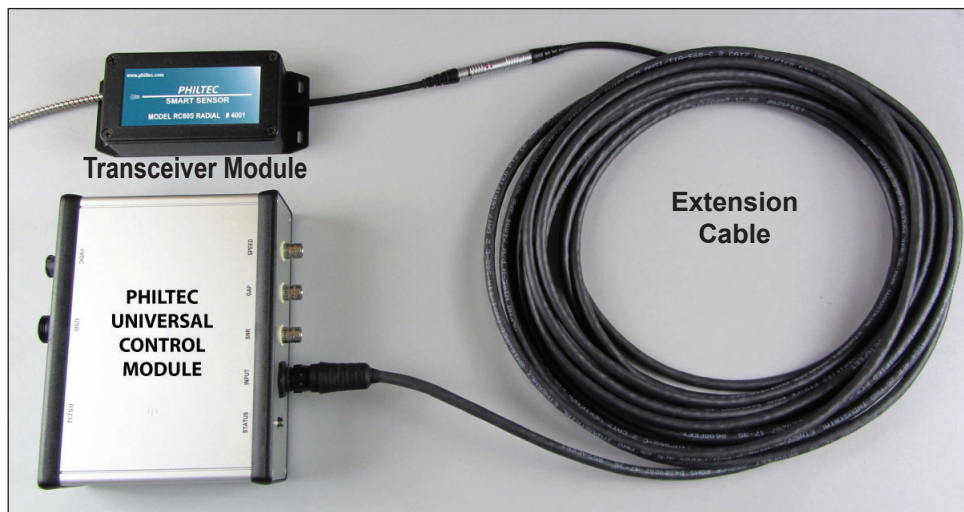


### SMART FIBER OPTIC DISPLACEMENT SENSORS include:

- Fiber Optic Probe with Optical Transceiver Module (OTM)
- Datalink Extension Cable
- Universal Control Module (UCM)

### ADVANTAGES

- Remote Control of Analog RC Sensors
- UCMs and FO Probes are not matched pairs.
- Any UCM can be used with any Smart Probe.
- Long Extension Cables can be used.
- XY Calibration Data can be downloaded from the Smart probes



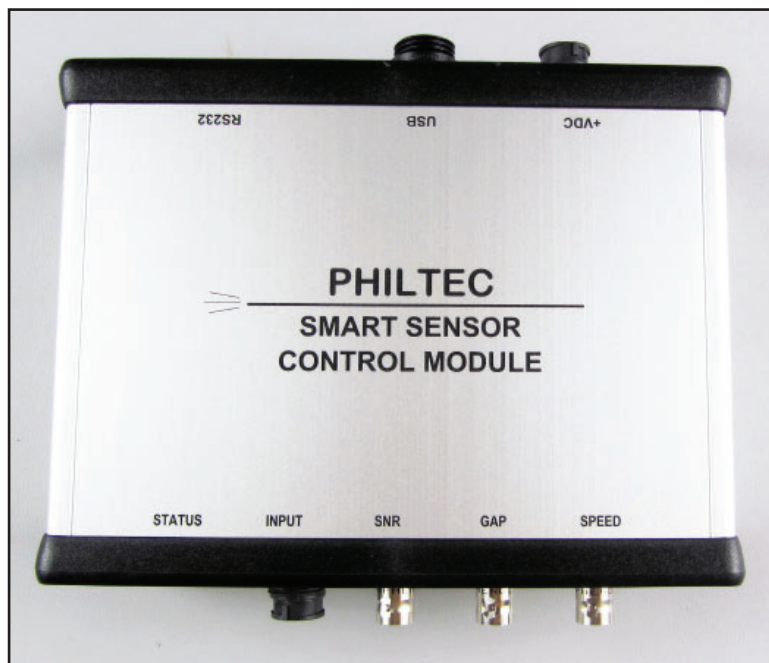
### SMART DISPLACEMENT PROBES

Smart Probes comprise:

- A Fiber Optic Displacement Probe
- A length of fiber optic cabling
- An Optical Transceiver Module
- A Datalink pigtail cable

All sensor information and calibration data are stored in the transceiver module. The UCM imports Smart Probe data and provides analog voltage output signals.





## Universal Control Modules

UCMs have been designed to primarily work with RC sensors, but D type sensors can also be used.

Weight = 553 grams

Size = 165 x 129 x 52 mm

## COM PANEL



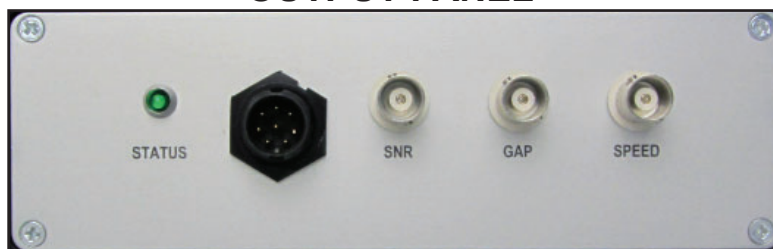
## Com Panel

This panel includes:

- A three Pin 12 VDC power connector
- A USB connector
- An RS232 DB9 connector

(The UCM can be operated via USB or RS232 protocol).

## OUTPUT PANEL



This panel includes:

- A status indicator light - turns green when connected to a Smart Probe
- Input connector - receives input signals via UCM Extension Cables
- RC sensor **SNR** output voltage on a BNC connector
- The RC sensor **GAP** output voltage on a BNC connector
- A user adjustable TTL voltage output used for **SPEED** counting

Please contact the factory for more info.

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