



IEC1107 (FLAG) Zero-Power Optical Probe with 9-pin female 'D' connector wired for the IBM-PC standard - Red Sensitive for AMPY 5196 meter.

F6Z-P-D09F-1R	1 metre cable
F6Z-P-D09F-2R	2 metre cable
F6Z-P-D09F-3R	3 metre cable

The ABACUS ELECTRICS model F6Z Zero-Power IEC 1107 (FLAG) optical probe is a bi-directional interface utilising infra-red light. Connecting to the serial port of a host computer or terminal it permits galvanically isolated communication with meters as specified in International Standard IEC 1107 : 1996.

The probe requires no power supply. The transmitter and receiver circuits within the probe derive all necessary power from the host computer serial port.

The probe housing is supplied either plain, as shown above, or with ears. The ears may be used to bind the probe securely to the meter in permanent installations. If ears are required the part number specified should be modified from **-P-** (Plain) to **-E-** (Ears). For example, F6Z-E-D09F-2R instead of F6Z-P-D09F-2R.

Specification:

Signal Levels:	Compatible with EIA232D and V28
Maximum Data Rates:	19200 bits/second
Power Supply:	None required - power derived from host port
Lead:	1, 2 or 3 metre extra-flexible cable, captive at probe
Connector:	9-pin female 'D' wired to IBM-PC standard
Fastening:	Magnetic adhesion conforming to IEC 1107 : 1996
Optical:	Conforms to IEC 1107 : 1996, also red sensitive
Mechanical:	High impact ABS housing, dimensions conforming to IEC 1107 : 1996
Housing Options:	Plain: Standard cylindrical profile Ears: Three lugs on the probe rear face permit lacing cord or cable ties to bind the probe to the meter port

Manufactured in the United Kingdom by
ABACUS ELECTRICS

Conforms to European Directives:
89/336/EEC (Electromagnetic Compatibility)
73/23/EEC (Low Voltage Directive)

