



## ***ANSI Type 2 Optical Probe with DTR Switch and USB connector for desk-top and lap-top computers.***

**A9U-P-U04M-2A**

2 metre cable

The ABACUS ELECTRICS model A9U ANSI optical probe is a bi-directional interface utilising infra-red light. Connecting to the USB port of a desk-top or lap-top computer it permits galvanically isolated communication with tariff meters as specified in ANSI C12.18-2006.

Supplied with 'virtual serial port' drivers, the A9U probe may be used with Windows application software that expects a conventional probe to be connected to a standard RS232/legacy serial port.

The A9U probe uses Data Terminal Ready (DTR) signal as a software controlled switch to enable the reading of meters such as the Landis+Gyr Quad 4+ and MAXsys 2510.

### ***Specification:***

USB Interface:	USB 1.1 and USB 2.0 compliant
Power Supply:	Derived from host computer
Lead:	2 metre cable, captive at probe
Connector:	USB standard 'A' plug
Maximum Data Rate:	57600 bits/second
Virtual Serial Port DTR Switching:	DTR negative: Normal mode, ANSI C12.18-2006 compliant DTR positive: Landis+Gyr (Siemens) compatible mode
Fastening:	Magnetic adhesion
Optical:	Compatible with ANSI C12.18-2006
Mechanical:	High impact ABS housing, dimensions compatible with ANSI C12.18-2006
Software:	Virtual serial port drivers for Windows 98, Me, 2000, XP, Vista, Windows 7, 8, 8.1 and 10 – 32-bit and 64-bit.

Manufactured in the United Kingdom  
by ABACUS ELECTRICS

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

