



F9U Optical Communication Probe for use with IEC (EURO) Electricity Tariff Meters and Gas Volume Correctors



For over 30-years, ABACUS Optical Probes have established a worldwide following based on superior reliability and compatibility with all popular brands of electricity tariff meters. TransData's ABACUS F9U Optical Probes manufactured with the **BLUE Cable** feature the updated Windows 10 & 11 compatible driver circuitry that now utilizes the Windows update feature to automatically download PC drivers. ABACUS F9U Optical Probes utilize infra-red LED technology to transmit data that provides users an optically isolated communications link between computers and electric meters for obtaining meter data, performing site diagnostics and making programming changes. TransData's cabled ABACUS Optical Probes meet strict industry security requirements versus wireless optical probes that provide hacker access to utility PC's.

The F9U features a magnetized ABS plastic housing that attaches to the metal ring on IEC electricity tariff meters and contains precision engineered circuitry that converts electrical signals to infra-red light signals that are transmitted and received to the electric meter through the cover. The F9U's ABS plastic housing provides galvanic isolation to protect users from electrical surges caused by accidental contact with live wiring in meter cabinets and when connecting to hard-wired meter optical ports.

USB Type-A PC Connector Models

F9U-P-U04M-2A (1.8 Meters)
F9U-P-U04M-3A (3 Meters)
F9U-P-U04M-5A (4.5 Meters)



USB Type-C PC Connector Models

F9U-P-U04M-2C (1.8 Meters)
F9U-P-U04M-3C (3 Meters)
F9U-P-U04M-5C (4.5 Meters)



Specification:

PC Interface:	USB Port
Power Supply:	Derived from host computer
Cable Length:	1.8 Meters, 3 Meters or 4.5 Meters
Cable Connector:	USB standard Type "A" plug or Type "C" male plug
Maximum Data Rate:	57,600 bits/second
Fastening:	Magnetic adhesion conforming to IEC 62056-21
Optical:	Conforms with IEC 62056-21
Mechanical:	High impact ABS plastic housing, dimensions conforming to IEC 62056-21
PC Software:	Windows 10, Windows 11 Compatible (Backwards compatible to Windows 7)

Only Blue Cable ABACUS F9U Optical Probes Are Windows 10 & Windows 11 Compatible

www.transdatainc.com

Conforms to European Directives:
89/336/EEC (EMC) and 73/23/EEC (LVD)
73/23/EEC (Low Voltage Directive)



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