



MICROTEX ELECTRONICS, INC.

FR3A - FASTREADER 3A

Fully Automatic Optical probe

ANSI TYPE 2 (56K) /OPTOCOM (19.2K) Zero Power Optical Probe



SPECIFICATIONS:

HEAD	Aluminum Alloy, Machined & Bronzed
CABLE	Coiled Superflex PV Cable & Strain Relief
CONNECTOR	Compatible with All Host Connectors
LENS	Polycarbonate Filter
OPTICAL	880nm IR bidirectional Optical Link
DOCKING	Magnetic Adhesion – 6 Magnet
POWER	Power derived from host port < 10mA.
SIGNAL	EIA232D, V28, V32, TTL
MAX DATA	57,600 bits/second ANSI, 19,200 bits/second OPTOCOM
OPERATING Standards	-30c to +75c Temperature Range
Compatibility	Mil Std 810E & 801-3, IEC801-2 ESD Compatible with any Electric Utility Meter supporting the ANSI C12.18 Standard protocol and GE OPTOCOM protocol.

- ✓ ANSI C12.18 (1996) Standard to 56Kb
- ✓ GE OPTOCOM Standard to 19.2Kb
- ✓ Sunlight Filter
- ✓ Rugged Aluminum Head
- ✓ Flexible High-Endurance Coiled Cord
- ✓ Strain Relief / Sealed Head
- ✓ RS232 & EIA232D operation
- ✓ Zero-Power Operation

MICROTEX AUTOMATIC "FAST READER"

The **Microtex Electronics FR3A Automatic probe is the world's First Fully Automatic Intelligent probe device.** This probe senses the meter under test's mode and automatically configures itself for the proper meter type, signal levels, and optimal read performance. Also, The zero-power interface derives power completely from the computer's host port interface. This product features an indestructible head, and tough Superflex HytreI™ coiled cord connections to laptop or handheld terminals. This unit supports the bi-directional IR interface for terminal speeds up to 57,600 bits per second in ANSI mode and 19,200 in OPTOCOM mode.

READS these Meters:

- ABB** – All Alpha, Alpha+, A3, ION-8400, ION-8500 compatible, 2430, 2550, 2560, Alpha D, Alpha T, ALT, ALR-AL
- APTECH/Robitinton** – LPR1, LPR2, LPR3, SR500, TR403,TR804
- Ametek/Scientific Columbus** – JEM-1, JEM-2, JEM3, JEM-10, JEMSTAR
- GE** – DR87, T80,T90,T91, TM80, TM81, TM91, TRM82, TMR92, TMR900, KCR901, KTC901, KM901, M90-AE, PHASE3,KV, GE-KV2
- Landis & GYR** – DX, DXR, DC, DD, DCR, GD100, DT, DG100, CTR102, CTR101, DDMS, DCRMS, LINC, TMC101, SM301, SM101, SD100
- Metricom** - C
- Power Measurements** – ION series
- PSI** – S100, S200, Quad4
- Quadlogic** – Series 20 compatible
- Schlumberger** – Q1000, Quantum, Datastar, Fulcrum, MT100, MT200, Vectron and Vectron compatible
- Siemens**– Quad 4+, Maxsys, S4 Family, AXS4, AXRS4, AXLS4, RXS4, RXRS4
- Synergistics** – B40
- Transdata** – EMS

ORDERING INFORMATION on Back:

For More Information:

Microtex Electronics, INC.
 3400 North Central Expressway, Ste 256
 Richardson, TX 75080 U.S.A
 www.microtexelectronics.com
 TEL: (972) 479-1011
 FAX: (972) 479-1015

Proudly Made in the USA





MICROTEX ELECTRONICS, INC.

FR3 - FASTREADER 3A

Ordering Information



FR3A – PC – XX (xx=size)

Supports all Laptops, Portables, and Personal Computers. Connector is a DB9 female or USB Connection. Derives power from USB or RS232 port so No Battery packs or “Dongle” power cable is required. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”



FR3A - DAP - XX (xx=size)

Supports all Handhelds manufactured by DAP technologies. Connector to handheld is a Right angle LEMO connector. Tested on models DAP9500, DAP9800, CE5240, and CE 5320. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”



FR3A – FS – XX (xx=size)

Supports handhelds manufactured by ITRON Technologies. Connector is Amphenol type. Tested on ITRON models FS2, and FS3. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”



FR3A - G5- XX (xx=size)

Supports handhelds manufactured by ITRON technologies. Connector is G5 type. Tested on ITRON model G5. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”

Options: ADD –E for Euro Head models.

Note: the Automatic Probe Eliminates –S, -D models

For More Information:

Microtex Electronics, INC.
3400 North Central Expressway, Ste 256
Richardson, TX 75080 U.S.A
www.microtexelectronics.com
TEL: (972) 479-1011
FAX: (972) 479-1015

Microtex Electronics offers a one-year limited warranty on any Fastreader product. We also offer maintenance plans and service what we build.

Proudly Made in the USA

