

## WIRING INSTRUCTIONS FOR REPLACING A SENSUS HIGH-SPEED PICKUP REGISTER WITH A METER-MASTER MODEL 20

MM20ReplacingSensusHSPU(81).doc

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Assumes you are replacing a Sensus High Speed Pickup Register with an AMR register and want to use the Meter-Master Model 20 to feed an ACT-PAK (If not, other wiring may apply).

### **WIRING:**

Sensus ACT-PAK is 12 V DC (i.e., 12 volt external pull-up)

#### Meter-Master Model 20

#### ACT-PAK

Red/White\* wire  
(do not use Red/Black\* wire  
as sometimes suggested)

White wire of meter input (signal)  
(replaces "G" terminal wire on register)

Blue wire and \ spliced  
Green wire / together

Black wire of meter input (common)  
(replaces "B" terminal wire on register)

Red wire

Red wire of meter input (+12 volts)  
(replaces "R" terminal wire on register)

*\*First color represents main color, second color represents stripe color*

### **NOTES:**

#### **High Speed Pickup Register wire functions:**

Red wire..... +12 V DC ("R" Terminal on register)  
Black wire ..... Common or -12 V DC ("B" Terminal on register)  
White (or clear) wire .... Signal or Data ("G" Terminal on register)

If not 12 volt DC, different wiring options may apply. Make sure what you are connecting to.

You may wish to substitute a nylon cable tie for Velcro strap. Use ½" by 48" black tie around meter (assumes larger sized meter).

Use waterproof splices like 3M style gel caps. Since 3 wire splices are required, consider using UR connectors that will accommodate 3 wires. We suggest using heat shrink tubing like ATUM ½" which provides strain relief as well as additional sealing capability.