



# HM-RS232-ISO

## RS232 HART Modem, Isolated



### Description:

Perform HART communications between a HART transmitter and a Windows device using RS232. Not for use with USB to RS232 adapters. Use HM-USB-ISO for USB applications.

### Features:

- 1500 Vdc Opto Isolation between HART and RS232 circuits
- Integral standard RS-232 female connector
- Integral heavy duty HART Mini-grabber connectors
- Meets FieldComm Group specification HCF\_SPEC-54
- Self powered, no external power supply or batteries needed
- No driver installation necessary
- Works with DevCom2000 and many other HART Windows software
- Rugged ABS plastic enclosure with rubber boot
- Custom cable lengths available
- Banana plug option available (HM-RS232-ISO-BP)
- 1 Year warranty



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## Specifications:

### Enclosure

Material	High strength ABS Plastic
Boot	Black Silicone 60
Dimensions	2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
Total Unit Weight	5.2 oz (147 g)

### Cables

HART Cable Length	4' (1.2 m)
HART Cable Connectors	Mini-Grabber
RS232 Cable Length	18" (0.5 m)
Cable Connector	RS232 Female

### HART

Interface	Capacitive and transformer coupling
Output	600 mVpp
Leakage	< 10 uA
Isolation Voltage	1500 Vdc
Connections	Across loop resistor or HART field device
Specifications	HART 4, HART 5, HART 6, HART 7, <i>wireless</i> HART HART Physical Layer Spec HCF_SPEC-54
FieldComm Group	Registration Number L2-06-1000-305

### Computer

Operating System	Windows 7 and higher
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### RS232

Power	RS232 port provides power to unit
Current Draw	17mA

### Environmental

Operating Temperature	0 degC to 50 degC (32 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 99% (non-condensing)

### Compliances

CE Certification	EN 61326 (EMC), Directive 2011/65/EU (RoHS)
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