

51HMRS2XXX
HART® Modem - RS232
Electrically Isolated



Features:

1. 1500 Vdc Opto Isolation between HART® and RS232 circuits
2. Integral standard RS-232 female connector
3. Integral heavy duty HART® Minigrabber connectors
4. Designed to meet HART® Physical Layer Spec HCF_SPEC-54
5. Self powered, no external power supply or batteries needed
6. 48" (1.2m) cable length
7. Banana plug option available (51HMRS204B)
8. No driver installation necessary
9. Compact size 2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
10. Rugged ABS plastic enclosure
11. Custom cable lengths available
12. HART® Modem Test Program included
13. HART® Foundation Registered, Registration Number
L2-06-1000-305
14. CE certified
15. Cost effective
16. Each unit 100% tested
17. 1 Year warranty



51HMRS204A shown above with Minigrabbers

Specifications:

Enclosure

Material	High strength ABS Plastic
Dimensions	2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
Total Unit Weight	4.8 oz (136 g)

Cables

HART® Cable Length	4' (1.2 m)
HART® Cable	Mini-Grabber
Connectors RS232 Cable	18" (0.5 m)
Length 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, HART® Physical Layer Spec HCF_SPEC-54
HART® Foundation	Registration Number L2-06-1000-305

Computer

Operating System	Windows NT, 2000, XP, Vista (32/64), 7 (32/64), 8 (32/64)
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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)	Note: This Modem is not RoHS 2011/65/EU Compliant
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Rugged Pressure & Level Measurement Solutions