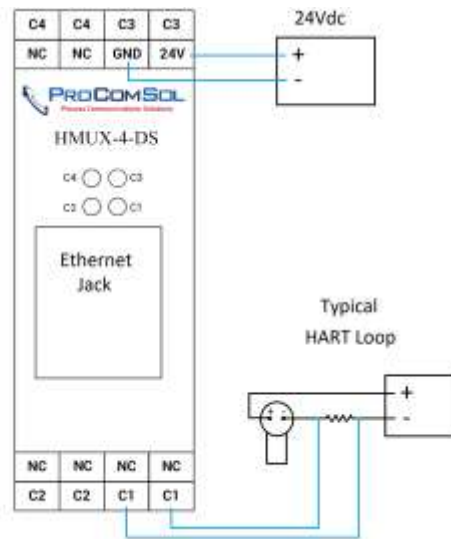# HMUX-4-DS
HART Multiplexer, 4 Channels, Dual Speed

Perform HART communications using your Ethernet networking infrastructure. Access instrument measurement and status from anywhere in the world via the Internet.

Features:

- 500 VAC Isolation between HART and Ethernet
- Designed to meet HART Physical Layer Spec HCF_SPEC-54 for FSK
- Designed to meet HART Physical Layer Spec HCF_SPEC-60 for PSK
- Compact size 0.9" x 3.9" x 4.5" (22mm x 99mm x 114mm)
- Rugged ABS plastic enclosure
- CE certified
- Works with DevCom2000, DevCom.iOS, and DevComDroid
- 1 Year warranty
- HART-IP Support
- 4 Channels
- HART Dual Speed FSK (1200bps) and PSK (9600 bps)
- RJ45 connection to Ethernet
- Supports HART versions 5, 6, and 7
- 24 Vdc input power
- DIN Rail mounting

GND - Ground
24V - +24Vdc
C1 - Channel 1
C2 - Channel 2
C3 - Channel 3
C4 - Channel 4
NC - No Connect

Wiring Diagram

Specifications:

Enclosure
Dimensions   0.9" x 3.9" x 4.5" (22 mm x 99 mm x 114 mm)
Total Unit Weight   7.5 oz (213 g)

Power
Supply Range   19 to 30 Vdc, 24 Vdc nominal
Current Draw   30mA at 24Vdc input

Safety
Isolation   500 VAC between Ethernet and field device connections

HART
Connections   Across loop resistor or HART field device
Specifications   HART 4, HART 5, HART 6, HART 7,
                              HART Physical Layer Spec HCF_SPEC-54 (FSK)
                              HART Physical Layer Spec HCF_SPEC-60 (PSK)

Connections
HART   Screw terminals
Ethernet Connector   RJ45
Protocol   HART-IP

Environmental
Operating Temperature   -20 degC to 50 degC (-4 degF to 122 degF)
Storage Temperature   -40 degC to 85 degC (-40 degF to 185 degF)
Humidity   0% to 95% (non-condensing)

Compliances
Certifications   EMC, RoHS

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