

Model ET1650

Certified Data Transfer Unit



Metal Samples offers a data transfer unit (DTU) which is certified for use in hazardous locations when used in conjunction with approved Metal Samples data loggers (specific models listed below). The certified DTU allows the user to collect data from certified Metal Samples data loggers without having to remove the product from the classified area. The DTU incorporates non-volatile flash memory and has sufficient memory to store millions of readings. It can be connected to any standard PC using the industry standard USB Type-A connector. The certified DTU must be connected and used in accordance with the control drawing for the appropriate instrument.

Specifications:

| | |
|-------------------------------|--|
| Storage Capacity: | 8 GB |
| Dimensions: | 3.1"L x 1"W x .5"D (7.9cm x 2.6cm x 1.3cm) |
| Operating Temperature: | -40° C to 70° C |
| Storage Temperature: | -40° C to 85° C |
| Humidity: | 10-90% RH, non-condensing |
| Housing: | ABS Polycarbonate |
| USB Class: | 1.1 or 2.0 |
| USB Type: | Type A |
| Operating System: | Windows 7, Windows 8, Windows 10 |
| Protection Class: | II 1 (1) G Ex ia[ia]IIC T4 Ga |

Certified to use with Metal Samples MS35XX, MS36XX, MS4500E, MS4500E-HC, and MS50XX Instruments

Certificate: ITS18ATEX203161X
IECEX ETL 18.0007X

| Connection Parameters | |
|-----------------------|-----------|
| U _{o max} | ≤ 6.0 |
| I _{o max} | ≤ 747.5mA |
| P _{o max} | ≤ 923.1mW |
| C _o | 12.71μF |
| L _o | 0.37μH |



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